

ORGANIC SECTION SACs
REVISED 2009

| Compounds | Old SAC | New SAC | Method | Matrix | Reporting Limit | Examples |
|---------------|---------|---------|----------|--------------------|------------------|-----------------------------------------------------------------------------------------------|
| Volatiles | VOA-2 | VOADW | 524.2 | Drinking Water | 0.25 - 2.5 µg/L | Residential well, public water supply |
| | VOA-1 | VOAWW | 624 | Non-Drinking Water | 0.5 - 2.5 µg/L | Samples for NPDES compliance, ground water, surface water, waste water, influent, effluent |
| | | VOASW | 8260C | Non-Drinking Water | | Non-DW that don't require 624 may use this method |
| | | | | TCLP | 5.0 - 25 µg/L | Leachate samples |
| | | | | Solid | 50 - 250 µg/kg | Soil, sediment, sludge |
| | | | | COWS | 2.5 - 12.5 mg/kg | Oils, solvents, drum samples, other pure products |
| | VOA-6 | VOA-A | TO15 | Air | 0.2 - 1.0 ppbv | Summa canisters, Tedlar bags |
| Semivolatiles | SVOA2 | SV-DW | 525.2 | Drinking Water | 0.1 - 0.4 µg/L | Residential well, public water supply |
| | SVOA1 | SV-WW | 625 | Non-Drinking Water | 5 - 20 µg/L | Samples for NPDES compliance, ground water, surface water, waste water, influent, effluent |
| | | SV-SW | 8270D | Non-Drinking Water | | Non-DW that don't require 625 may use this method |
| | | | | TCLP | 50 - 200 µg/L | Leachate samples, Form 43 semivolatiles |
| | | | | Solid | 1 - 4 mg/kg | Soil, sediment, sludge |
| | | | | COWS | 10 - 40 mg/kg | Oils, solvents, drum samples, other pure products |
| Pesticides | | No SAC | None | Drinking Water | N/A | DW samples for pesticides should use SV-DW |
| | PEST1 | PSTWW | 608 | Non-Drinking Water | 0.05 µg/L | Samples for NPDES compliance, ground water, surface water, waste water, influent, effluent |
| | | PSTSW | 8081B | Non-Drinking Water | | Non-DW that don't require 608 may use this method |
| | | | | TCLP | 0.5 µg/L | Leachate samples, Form 43 semivolatiles |
| | | | | Solid | 10 µg/kg | Soil, sediment, sludge |
| | | | | COWS | 100 µg/kg | Oils, solvents, drum samples, other pure products |
| | PESTF | PESTF | In-house | Fish | | Fish tissue |
| PCBs | PCB | PCBDW | 508 | Drinking Water | 0.25 µg/L | Residential well, public water supply Screening method only - not for compliance with SDWA |
| | | PCBWW | 608 | Non-Drinking Water | 0.25 µg/L | Samples for NPDES compliance, ground water, surface water, waste water, influent, effluent |
| | | PCBSW | 8082A | Non-Drinking Water | | Non-DW that don't require 608 may use this method |
| | | | | Solid | 0.05 mg/kg | Soil, sediment, sludge |
| | | | | COWS | 0.50 mg/kg | Oils, solvents, drum samples, other pure products |
| | PCBF | PCBF | In-house | Fish | | Fish tissue |

Note: Reporting limits are estimated. Actual reporting limits may vary with the sample matrix.

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| Technical Chlordane | TCHLO | TC-DW | 508 | Drinking Water | 0.05 µg/L | Residential well, public water supply |
| | | TC-WW | 608 | Non-Drinking Water | 0.05 µg/L | Samples for NPDES compliance, ground water, surface water, waste water, influent, effluent |
| | | TC-SW | 8081B | Non-Drinking Water | | Non-DW that don't require 608 may use this method |
| | | | | TCLP | 0.5 µg/L | Leachate samples, Form 43 semivolatiles |
| | | | | Solid | 0.01 mg/kg | Soil, sediment, sludge |
| | | | | COWS | 0.10 mg/kg | Oils, solvents, drum samples, other pure products |
| | | | | | | |
| Toxaphene | TOXAP | TX-DW | 508 | Drinking Water | 0.50 µg/L | Residential well, public water supply |
| | | TX-WW | 608 | Non-Drinking Water | 0.50 µg/L | Samples for NPDES compliance, ground water, surface water, waste water, influent, effluent |
| | | TX-SW | 8081B | Non-Drinking Water | | Non-DW that don't require 608 may use this method |
| | | | | TCLP | 5.0 µg/L | Leachate samples, Form 43 semivolatiles |
| | | | | Solid | 0.10 mg/kg | Soil, sediment, sludge |
| | | | | COWS | 1.0 mg/kg | Oils, solvents, drum samples, other pure products |
| | | | | | | |
| Benzo(a) pyrene | BAP | BAP | In-house | Air | 90 ng | Air filter |
| Carbamates | CARBM | CARBM | 531.1 | Drinking Water | 2.0 µg/L | Can also be used for any aqueous sample |
| Diquat/ Paraquat | DIQUT | Not currently available | 549.2 | Drinking Water | N/A | Can also be used for any aqueous sample |
| Carbonyls (Formaldehyde) | DNPH1 | DNPH1 | 8315 | Air | 0.1 - 0.2 µg | Air cartridge |
| | FORML | FORML | 8315 | Aqueous | 21.5 µg/L | |
| EDB & DBCP | EDB | EDB | 504.1 | Drinking Water | 0.01 µg/L | Can also be used for any aqueous sample |
| Endothall | ENDO | ENDO | 548.1 | Drinking Water | 5.0 µg/L | Can also be used for any aqueous sample |
| Glycols | GLYCL | GLYCL | In-house | Aqueous | 10 mg/L | |
| Glyphosate | GLYPH | GLYPH | 547 | Drinking Water | 10 µg/L | Can also be used for any aqueous sample |
| Haloacetic acids | HAA | HAA | 552.2 | Drinking Water | 0.2 - 2.0 µg/L | Can also be used for any aqueous sample |
| Herbicides | HERB | HERB | 555 | Drinking Water | 2.5 µg/L | Can also be used for any aqueous sample |
| Methane | METH | METH | In-house | Aqueous | 7.9 - 19.8 µg/L | |
| SUVA | SUVA | SUVA | SM5910B | Aqueous | N/A | |

Note: Reporting limits are estimated. Actual reporting limits may vary with the sample matrix.