

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021182.D
 Acq On : 12 Feb 2025 16:44
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 13 08:05:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.720	168	160833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	299935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	295083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	121162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	97902	59.411	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.820%			
35) Dibromofluoromethane	7.646	113	97919	50.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.880%			
50) Toluene-d8	10.115	98	375670	51.336	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.414	95	128796	53.873	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.740%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	808	7.236	ug/l #	75
16) Acetone	3.885	43	859	3.343	ug/l #	81
18) Methyl Acetate	4.440	43	4522	5.013	ug/l #	51
31) Cyclohexane	7.720	56	3723	1.325	ug/l #	1
36) 1,1-Dichloropropene	7.720	75	12660	4.447	ug/l #	52
38) Carbon Tetrachloride	7.720	117	16351	4.915	ug/l #	17
45) 1,2-Dichloropropane	9.341	63	23018	11.607	ug/l #	1
48) Methyl methacrylate	9.341	41	3443	3.046	ug/l #	1
49) 1,4-Dioxane	9.341	88	363	35.513	ug/l #	35
51) 4-Methyl-2-Pentanone	10.000	43	1799	1.441	ug/l	93
53) t-1,3-Dichloropropene	10.499	75	4059	1.535	ug/l #	1
54) cis-1,3-Dichloropropene	9.719	75	6780	2.166	ug/l #	1
57) 1,3-Dichloropropane	10.560	76	10894	4.427	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.719	63	34691	38.336	ug/l #	1
59) 2-Hexanone	10.774	43	1353	1.684	ug/l	94
69) o-Xylene	12.078	106	23856	5.885	ug/l #	1
73) Isopropylbenzene	12.078	105	272567	28.799	ug/l #	57
74) N-amyl acetate	12.048	43	4093	1.978	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.469	83	19789	12.572	ug/l #	90
76) 1,2,3-Trichloropropane	12.524	75	3278	2.982	ug/l #	100
78) n-propylbenzene	12.450	91	167854	14.888	ug/l	84
79) 2-Chlorotoluene	12.713	91	55761	8.635	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.524	105	260119	33.898	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.414	75	74082	137.535	ug/l #	12
82) 4-Chlorotoluene	12.713	91	55761	8.475	ug/l #	41
83) tert-Butylbenzene	12.902	119	258699	37.090	ug/l #	65
87) 1,3-Dichlorobenzene	13.304	146	133887	31.748	ug/l	100
88) 1,4-Dichlorobenzene	13.304	146	133887	32.244	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.090	75	9345	39.729	ug/l	99
93) 1,2,4-Trichlorobenzene	14.816	180	66547	32.663	ug/l	98
94) Hexachlorobutadiene	14.944	225	39310	29.115	ug/l	98
95) Naphthalene	15.047	128	134899	41.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.249	180	61201	36.095	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed