

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022025.D
 Acq On : 28 Apr 2025 12:41
 Operator : SY/MD
 Sample : Q1872-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HW0425-PT-VOA-SOIL

Quant Time: Apr 29 03:53:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	301694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	467949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	436036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	221687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134135	48.134	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.260%		
35) Dibromofluoromethane	7.634	113	149977	48.512	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.020%		
50) Toluene-d8	10.109	98	592466	50.834	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.660%		
62) 4-Bromofluorobenzene	12.408	95	185929	47.388	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.780%		
Target Compounds						Qvalue
5) Bromomethane	2.598	94	4684	1.209	ug/l	89
12) 1,1-Dichloroethene	3.787	96	435641	145.254	ug/l	99
16) Acetone	3.872	43	156040	444.402	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	1192964	177.716	ug/l	99
20) Methylene Chloride	4.610	84	5516	1.565	ug/l	92
22) Diisopropyl ether	6.018	45	864255	111.208	ug/l	95
25) 2-Butanone	6.890	43	217432	342.297	ug/l	100
26) 2,2-Dichloropropane	6.884	77	710487	150.482	ug/l	95
27) cis-1,2-Dichloroethene	6.884	96	163278	43.475	ug/l	77
30) Chloroform	7.421	83	446922	74.796	ug/l	99
38) Carbon Tetrachloride	7.817	117	535378	107.890	ug/l	99
40) Benzene	8.079	78	1214121	93.528	ug/l	100
42) 1,2-Dichloroethane	8.158	62	154187	47.974	ug/l	99
45) 1,2-Dichloropropane	9.140	63	160767	56.002	ug/l	99
47) Bromodichloromethane	9.420	83	796926	177.515	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	544884	362.902	ug/l	99
52) Toluene	10.170	92	1630128	193.996	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	451255	117.187	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	484173	105.775	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	176727	73.622	ug/l	99
59) 2-Hexanone	10.761	43	342461	345.801	ug/l	99
60) Dibromochloromethane	10.914	129	251529	75.684	ug/l	100
64) Tetrachloroethene	10.646	164	417730	101.553	ug/l	98
65) Chlorobenzene	11.444	112	909935	93.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	533734	155.478	ug/l	99
68) m/p-Xylenes	11.627	106	777678	122.523	ug/l	99
69) o-Xylene	11.956	106	770636	131.730	ug/l	98
70) Styrene	11.969	104	1335048	135.916	ug/l	99
71) Bromoform	12.133	173	197793	99.103	ug/l #	99
76) 1,2,3-Trichloropropane	12.560	75	207793	109.430	ug/l #	100
84) 1,2,4-Trimethylbenzene	13.042	105	2183983	178.923	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	195134	25.920	ug/l	99
89) n-Butylbenzene	13.621	91	696238	57.277	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	354246	53.433	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	213810	56.911	ug/l	99

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

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