

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020006.D
 Acq On : 24 Oct 2024 12:59
 Operator : SY/MD
 Sample : P4486-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-102224

Quant Time: Oct 24 14:36:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	4158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	7001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	3842	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	585	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2909	56.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.640%	
35) Dibromofluoromethane	7.634	113	2624	56.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.600%	
50) Toluene-d8	10.103	98	7772	45.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.120%	
62) 4-Bromofluorobenzene	12.401	95	1015	16.465	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 32.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	130	2.580	ug/l #	43
6) Chloroethane	2.610	64	68	1.826	ug/l #	42
11) Tert butyl alcohol	4.817	59	56	Below Cal	#	88
12) 1,1-Dichloroethene	4.055	96	91	2.040	ug/l #	1
13) Acrolein	3.635	56	26	6.911	ug/l	96
15) Acrylonitrile	5.177	53	32	2.791	ug/l #	18
16) Acetone	3.860	43	59	4.427	ug/l #	36
18) Methyl Acetate	4.372	43	40	1.393	ug/l #	46
25) 2-Butanone	6.860	43	23	1.289	ug/l #	41
29) Tetrahydrofuran	7.286	42	65	6.381	ug/l #	52
38) Carbon Tetrachloride	7.719	117	358	5.017	ug/l #	13
41) Methacrylonitrile	7.225	41	82	4.365	ug/l #	1
48) Methyl methacrylate	9.225	41	73	2.345	ug/l #	1
51) 4-Methyl-2-Pentanone	10.054	43	43	1.191	ug/l #	31
59) 2-Hexanone	10.737	43	110	4.266	ug/l	73
74) N-amyl acetate	12.035	43	23	1.765	ug/l #	37
76) 1,2,3-Trichloropropane	12.529	75	20	1.745	ug/l #	100
77) Bromobenzene	12.730	156	56	5.363	ug/l #	1
89) n-Butylbenzene	13.621	91	72	1.707	ug/l #	66
92) 1,2-Dibromo-3-Chloropr...	14.303	75	26	18.633	ug/l #	1
95) Naphthalene	15.145	128	189	9.645	ug/l #	69

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

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