

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013341.D
 Acq On : 19 Apr 2023 13:28
 Operator : KP/MD
 Sample : 02371-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26-9.0-9.5

Quant Time: Apr 20 06:55:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	3284	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	5277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4499	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2904	73.582	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.160%			
35) Dibromofluoromethane	7.722	113	2339	68.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 136.940%			
50) Toluene-d8	10.179	98	6579	51.738	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.489	95	1583	38.314	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.620%			
Target Compounds						
						Qvalue
6) Chloroethane	2.790	64	56	2.365	ug/l	# 43
8) Diethyl Ether	3.631	74	64	3.224	ug/l	# 1
10) Methyl Iodide	4.113	142	953	24.196	ug/l	# 40
11) Tert butyl alcohol	4.960	59	20	Below Cal	#	74
13) Acrolein	3.778	56	44	9.076	ug/l	# 14
16) Acetone	3.948	43	433	31.910	ug/l	# 44
20) Methylene Chloride	4.716	84	365	6.464	ug/l	# 64
21) trans-1,2-Dichloroethene	5.033	96	36	1.021	ug/l	# 1
25) 2-Butanone	6.984	43	51	2.935	ug/l	# 49
29) Tetrahydrofuran	7.338	42	27	2.559	ug/l	# 36
36) 1,1-Dichloropropene	7.771	75	236	4.560	ug/l	# 41
41) Methacrylonitrile	7.204	41	54	3.120	ug/l	# 100
44) Trichloroethene	8.941	130	49	1.270	ug/l	# 3
48) Methyl methacrylate	9.271	41	68	2.136	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.069	43	44	1.167	ug/l	# 38
68) m/p-Xylenes	11.703	106	106	1.690	ug/l	# 47
73) Isopropylbenzene	12.331	105	155	2.027	ug/l	# 48
75) 1,1,2,2-Tetrachloroethane	12.544	83	21	1.111	ug/l	# 26
76) 1,2,3-Trichloropropane	12.489	75	958	68.952	ug/l	# 100
77) Bromobenzene	12.611	156	45	2.353	ug/l	# 59
78) n-propylbenzene	12.678	91	181	1.916	ug/l	# 52
79) 2-Chlorotoluene	12.764	91	110	2.069	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.813	105	229	3.575	ug/l	# 28
81) trans-1,4-Dichloro-2-b...	12.489	75	958	143.109	ug/l	# 13
82) 4-Chlorotoluene	12.867	91	121	2.159	ug/l	# 39
83) tert-Butylbenzene	13.075	119	129	2.347	ug/l	# 78
84) 1,2,4-Trimethylbenzene	13.252	105	161	2.582	ug/l	# 30
85) sec-Butylbenzene	13.252	105	161	1.959	ug/l	# 56
86) p-Isopropyltoluene	13.373	119	144	2.135	ug/l	# 69
87) 1,3-Dichlorobenzene	13.373	146	120	3.255	ug/l	# 47
89) n-Butylbenzene	13.703	91	72	1.116	ug/l	# 67
91) 1,2-Dichlorobenzene	13.739	146	80	2.385	ug/l	# 47
93) 1,2,4-Trichlorobenzene	15.007	180	132	6.620	ug/l	# 68
95) Naphthalene	15.239	128	405	10.957	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.416	180	20	1.101	ug/l	# 12

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

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