

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013550.D
 Acq On : 02 May 2023 12:39
 Operator : KP/MD
 Sample : 02557-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-A

Quant Time: May 03 01:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1883	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4957	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3573	173.095	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 346.200%#			
35) Dibromofluoromethane	7.710	113	2249	84.534	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 169.060%#			
50) Toluene-d8	10.185	98	4761	50.304	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.483	95	1719	53.876	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.760%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	575	23.963	ug/l	# 85
4) Vinyl Chloride	2.302	62	47	1.967	ug/l	# 43
5) Bromomethane	2.662	94	398	20.904	ug/l	# 59
6) Chloroethane	2.808	64	23	1.393	ug/l	# 44
10) Methyl Iodide	4.113	142	923	36.197	ug/l	# 73
12) 1,1-Dichloroethene	3.814	96	20	1.022	ug/l	# 1
13) Acrolein	3.643	56	60	25.310	ug/l	# 16
14) Allyl chloride	4.290	41	41	1.129	ug/l	# 22
16) Acetone	3.924	43	58	7.135	ug/l	# 43
20) Methylene Chloride	4.710	84	479	12.789	ug/l	# 84
25) 2-Butanone	6.917	43	20	1.940	ug/l	# 47
29) Tetrahydrofuran	7.472	42	23	3.584	ug/l	# 32
30) Chloroform	7.655	83	43	1.093	ug/l	# 18
36) 1,1-Dichloropropene	7.795	75	165	3.737	ug/l	# 40
41) Methacrylonitrile	7.240	41	20	1.292	ug/l	# 30
44) Trichloroethene	8.935	130	57	1.723	ug/l	2
45) 1,2-Dichloropropane	9.429	63	70	2.152	ug/l	# 44
59) 2-Hexanone	10.819	43	42	1.849	ug/l	# 26
76) 1,2,3-Trichloropropane	12.483	75	913	42.766	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	913	87.480	ug/l	# 12
86) p-Isopropyltoluene	13.367	119	103	1.008	ug/l	# 50
87) 1,3-Dichlorobenzene	13.373	146	56	1.013	ug/l	# 52
88) 1,4-Dichlorobenzene	13.446	146	202	3.618	ug/l	# 60
90) Hexachloroethane	13.940	117	28	1.302	ug/l	# 8
94) Hexachlorobutadiene	15.105	225	59	3.407	ug/l	# 19
95) Naphthalene	15.251	128	177	2.741	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.428	180	115	4.336	ug/l	# 45

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

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