

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076535.D
 Acq On : 22 Jun 2023 13:16
 Operator : KP/SY
 Sample : 03355-07RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-6.5-7.0RE

Quant Time: Jun 23 06:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	1165	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	2391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	1949	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	1180	101.094	ug/l	0.01
Spiked Amount 50.000	Range 50	- 163	Recovery	=	202.180%#	
35) Dibromofluoromethane	7.799	113	1114	78.428	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	156.860%#	
50) Toluene-d8	10.263	98	2881	53.482	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	106.960%	
62) 4-Bromofluorobenzene	12.563	95	958	54.797	ug/l	-0.01
Spiked Amount 50.000	Range 30	- 143	Recovery	=	109.600%	
Target Compounds						Qvalue
3) Chloromethane	2.193	50	73	3.965	ug/l #	41
4) Vinyl Chloride	2.205	62	59	2.873	ug/l #	42
6) Chloroethane	2.834	64	55	3.907	ug/l #	43
8) Diethyl Ether	3.587	74	72	11.319	ug/l #	12
11) Tert butyl alcohol	5.075	59	53	52.590	ug/l #	73
13) Acrolein	3.870	56	59	54.353	ug/l #	15
14) Allyl chloride	4.634	41	201	10.310	ug/l #	41
15) Acrylonitrile	5.087	53	64	19.567	ug/l #	18
16) Acetone	4.034	43	94	33.843	ug/l #	32
18) Methyl Acetate	4.569	43	59	4.609	ug/l #	42
22) Diisopropyl ether	6.316	45	117	2.775	ug/l #	37
23) Vinyl Acetate	6.169	43	74	3.541	ug/l #	63
25) 2-Butanone	7.022	43	59	13.734	ug/l #	37
28) Bromochloromethane	7.252	49	63	7.562	ug/l #	1
29) Tetrahydrofuran	7.446	42	66	23.906	ug/l #	15
31) Cyclohexane	7.805	56	54	1.642	ug/l #	1
36) 1,1-Dichloropropene	8.075	75	67	3.368	ug/l #	39
37) Ethyl Acetate	7.022	43	59	5.119	ug/l #	62
38) Carbon Tetrachloride	7.881	117	60	3.375	ug/l #	11
41) Methacrylonitrile	7.422	41	55	8.450	ug/l #	1
42) 1,2-Dichloroethane	8.187	62	54	3.295	ug/l #	68
43) Isopropyl Acetate	8.281	43	62	2.841	ug/l #	43
48) Methyl methacrylate	9.346	41	132	13.198	ug/l #	1
49) 1,4-Dioxane	9.210	88	67	634.701	ug/l #	33
51) 4-Methyl-2-Pentanone	10.069	43	58	5.200	ug/l #	28
53) t-1,3-Dichloropropene	10.410	75	57	2.664	ug/l	98
59) 2-Hexanone	10.840	43	63	8.119	ug/l #	16
65) Chlorobenzene	11.857	112	58	1.566	ug/l #	43
74) N-amyl acetate	12.216	43	58	4.499	ug/l #	35
76) 1,2,3-Trichloropropane	12.575	75	411	63.321	ug/l #	100
78) n-propylbenzene	12.940	91	57	1.048	ug/l #	50
79) 2-Chlorotoluene	12.940	91	57	1.909	ug/l #	36
81) trans-1,4-Dichloro-2-b...	12.575	75	411	138.750	ug/l #	17
82) 4-Chlorotoluene	12.940	91	57	1.838	ug/l #	36

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

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