

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061331.D
 Acq On : 10 Jan 2019 7:30
 Operator : VA/AP
 Sample : K1100-01
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUM-A

Quant Time: Jan 10 11:34:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	2081	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.62	114	2375	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	1746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	178	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	423	18.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.52%	
35) Dibromofluoromethane	4.13	113	675	37.14	ug/l	0.01
Spiked Amount	50.000		Recovery	=	74.28%	
50) Toluene-d8	7.56	98	2595	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.42	95	365	15.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.97	85	59	1.537	ug/l #	44
3) Chloromethane	1.06	50	138	4.034	ug/l #	40
5) Bromomethane	1.27	94	67	5.280	ug/l #	6
6) Chloroethane	1.46	64	80	5.362	ug/l #	45
8) Diethyl Ether	1.62	74	76	9.993	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.84	101	60	2.194	ug/l #	23
12) 1,1-Dichloroethene	1.80	96	76	3.475	ug/l #	1
13) Acrolein	2.05	56	69	51.602	ug/l #	12
14) Allyl chloride	2.13	41	797	19.939	ug/l #	68
15) Acrylonitrile	2.94	53	62	18.859	ug/l #	51
16) Acetone	2.25	43	841	156.081	ug/l #	55
18) Methyl Acetate	2.35	43	891	84.048	ug/l #	65
19) Methyl tert-butyl Ether	2.46	73	136	3.264	ug/l #	57
20) Methylene Chloride	2.13	84	65	2.851	ug/l #	1
22) Diisopropyl ether	2.75	45	691	8.936	ug/l #	18
23) Vinyl Acetate	3.18	43	307	13.575	ug/l #	77
24) 1,1-Dichloroethane	2.93	63	70	1.565	ug/l #	87
25) 2-Butanone	4.40	43	96	11.070	ug/l #	56
26) 2,2-Dichloropropane	3.60	77	68	2.275	ug/l #	60
27) cis-1,2-Dichloroethene	3.38	96	67	2.071	ug/l	1
29) Tetrahydrofuran	4.09	42	90	24.821	ug/l #	36
30) Chloroform	3.74	83	82	1.444	ug/l #	16
37) Ethyl Acetate	4.13	43	60	5.941	ug/l #	1
38) Carbon Tetrachloride	3.91	117	62	2.360	ug/l #	11
41) Methacrylonitrile	4.74	41	172	30.496	ug/l #	55
43) Isopropyl Acetate	6.99	43	70	5.250	ug/l #	45
45) 1,2-Dichloropropane	6.33	63	64	3.887	ug/l #	43
48) Methyl methacrylate	6.72	41	76	8.781	ug/l #	17
51) 4-Methyl-2-Pentanone	8.28	43	492	48.885	ug/l #	38
52) Toluene	7.65	92	289	6.944	ug/l	83
56) Ethyl methacrylate	8.70	69	70	5.378	ug/l #	20
59) 2-Hexanone	9.63	43	85	11.921	ug/l	72
61) 1,2-Dibromoethane	8.97	107	64	5.391	ug/l #	3
67) Ethyl Benzene	9.81	91	913	13.430	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061331.D
 Acq On : 10 Jan 2019 7:30
 Operator : VA/AP
 Sample : K1100-01
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOIL-DRUM-A

Quant Time: Jan 10 11:34:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	10.14	106	6240	263.148	ug/l	87
69) o-Xylene	10.73	106	4294	162.105	ug/l	75
73) Isopropylbenzene	11.17	105	859	54.843	ug/l	96
74) N-amyl acetate	11.35	43	65	18.256	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.63	83	59	23.757	ug/l #	25
76) 1,2,3-Trichloropropane	11.82	75	136	74.665	ug/l #	1
78) n-propylbenzene	11.61	91	1081	57.885	ug/l #	33
79) 2-Chlorotoluene	11.74	91	1193	114.659	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.84	105	2181	174.996	ug/l	80
81) trans-1,4-Dichloro-2-buten	11.82	75	136	170.860	ug/l #	17
82) 4-Chlorotoluene	11.91	91	401	37.928	ug/l #	42
83) tert-Butylbenzene	12.10	119	378	30.442	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.21	105	12264	991.122	ug/l	80
85) sec-Butylbenzene	12.33	105	1617	91.458	ug/l #	57
86) p-Isopropyltoluene	12.49	119	497	34.560	ug/l #	1
89) n-Butylbenzene	12.81	91	242	16.378	ug/l #	26
90) Hexachloroethane	12.89	117	85	25.840	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.52	75	61	145.372	ug/l #	1

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

