

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061899.D
 Acq On : 11 Mar 2019 19:50
 Operator : VA/AP
 Sample : K1689-01
 Misc : 9.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-030819

Quant Time: Mar 12 05:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.92	168	60	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.61
63) Chlorobenzene-d5	9.79	117	247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.41	95	154	0.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	0.87	85	65	88.241	ug/l # 47
3) Chloromethane	1.13	50	246	344.589	ug/l # 45
4) Vinyl Chloride	1.20	62	68	100.340	ug/l # 43
5) Bromomethane	1.32	94	505	1093.416	ug/l # 3
6) Chloroethane	1.41	64	79	245.235	ug/l # 20
7) Trichlorofluoromethane	1.43	101	127	153.439	ug/l # 17
8) Diethyl Ether	1.59	74	75	398.471	ug/l # 1
10) Methyl Iodide	1.85	142	64	59.834	ug/l # 40
11) Tert butyl alcohol	2.56	59	661	26652.436	ug/l # 1
12) 1,1-Dichloroethene	1.82	96	153	298.161	ug/l # 1
13) Acrolein	2.18	56	848	26984.591	ug/l # 87
14) Allyl chloride	2.16	41	276	488.222	ug/l # 75
15) Acrylonitrile	2.95	53	199	2519.880	ug/l # 16
16) Acetone	2.25	43	33646	367603.982	ug/l # 85
17) Carbon Disulfide	1.80	76	60	37.563	ug/l # 1
18) Methyl Acetate	2.35	43	2944	1762.263	ug/l # 87
19) Methyl tert-butyl Ether	2.47	73	113	130.175	ug/l # 1
20) Methylene Chloride	2.18	84	2008	4408.783	ug/l # 92
21) trans-1,2-Dichloroethene	2.34	96	60	124.236	ug/l # 1
22) Diisopropyl ether	2.82	45	460	312.812	ug/l # 1
23) Vinyl Acetate	3.22	43	908	1382.174	ug/l # 76
24) 1,1-Dichloroethane	2.94	63	72	81.916	ug/l # 85
25) 2-Butanone	4.39	43	1529	8212.662	ug/l # 38
26) 2,2-Dichloropropane	3.52	77	119	303.282	ug/l # 55
27) cis-1,2-Dichloroethene	3.46	96	72	107.607	ug/l # 1
29) Tetrahydrofuran	4.08	42	2430	30264.523	ug/l # 85
30) Chloroform	3.85	83	143	142.437	ug/l # 15
31) Cyclohexane	3.74	56	198	215.073	ug/l # 15
64) Tetrachloroethene	8.15	164	719	378.833	ug/l # 79
67) Ethyl Benzene	9.90	91	229	29.115	ug/l # 23
69) o-Xylene	10.71	106	156	48.081	ug/l # 9
74) N-amyl acetate	11.37	43	232	32.529	ug/l # 42
75) 1,1,2,2-Tetrachloroethane	11.62	83	82	15.925	ug/l # 23
76) 1,2,3-Trichloropropane	11.72	75	77	21.911	ug/l # 1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061899.D
 Acq On : 11 Mar 2019 19:50
 Operator : VA/AP
 Sample : K1689-01
 Misc : 9.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-030819

Quant Time: Mar 12 05:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

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

78) n-propylbenzene	11.59	91	382	10.919	ug/l #	54
79) 2-Chlorotoluene	11.72	91	73	3.650	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.82	105	1213	48.767	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.72	75	77	47.917	ug/l #	18
82) 4-Chlorotoluene	11.98	91	88	4.301	ug/l #	41
83) tert-Butylbenzene	12.18	119	69	2.613	ug/l #	36
84) 1,2,4-Trimethylbenzene	12.20	105	747	30.636	ug/l	94
85) sec-Butylbenzene	12.30	105	357	10.387	ug/l #	57
86) p-Isopropyltoluene	12.43	119	460	15.745	ug/l #	50
87) 1,3-Dichlorobenzene	12.46	146	64	4.521	ug/l #	1
88) 1,4-Dichlorobenzene	12.56	146	67	4.906	ug/l #	24
89) n-Butylbenzene	12.84	91	768	27.507	ug/l #	57
90) Hexachloroethane	12.84	117	89	12.656	ug/l #	24
91) 1,2-Dichlorobenzene	12.93	146	86	6.412	ug/l #	24
93) 1,2,4-Trichlorobenzene	14.20	180	89	9.465	ug/l #	11
95) Naphthalene	14.45	128	1206	72.006	ug/l #	76
96) 1,2,3-Trichlorobenzene	14.60	180	88	10.135	ug/l #	10

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

