

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061678.D
 Acq On : 18 Feb 2019 15:03
 Operator : VA/AP
 Sample : K1518-09
 Misc : 6.41g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-5

Quant Time: Feb 19 01:57:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	699	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	987	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.80	117	347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

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	4.14	113	73	9.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	19.92%	
50) Toluene-d8	7.55	98	602	28.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	57.14%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.10	50	162	19.235	ug/l #	42
4) Vinyl Chloride	1.22	62	79	10.090	ug/l #	40
5) Bromomethane	1.35	94	356	66.064	ug/l #	3
6) Chloroethane	1.31	64	74	19.178	ug/l #	40
7) Trichlorofluoromethane	1.47	101	65	6.883	ug/l #	20
8) Diethyl Ether	1.60	74	100	42.019	ug/l	77
11) Tert butyl alcohol	2.57	59	59	198.886	ug/l #	63
12) 1,1-Dichloroethene	1.77	96	69	11.520	ug/l #	1
13) Acrolein	1.99	56	436	1169.402	ug/l #	28
14) Allyl chloride	2.11	41	902	122.720	ug/l #	60
15) Acrylonitrile	2.93	53	62	58.922	ug/l #	18
16) Acetone	2.23	43	334	303.697	ug/l #	46
17) Carbon Disulfide	1.81	76	65	3.452	ug/l #	73
18) Methyl Acetate	2.23	43	281	113.419	ug/l	93
19) Methyl tert-butyl Ether	2.37	73	154	15.044	ug/l #	1
20) Methylene Chloride	2.17	84	134	21.291	ug/l #	1
21) trans-1,2-Dichloroethene	2.31	96	150	23.037	ug/l #	1
22) Diisopropyl ether	2.80	45	248	14.056	ug/l #	38
23) Vinyl Acetate	3.25	43	706	81.927	ug/l #	74
24) 1,1-Dichloroethane	2.82	63	61	5.713	ug/l #	86
25) 2-Butanone	4.33	43	99	41.211	ug/l #	55
26) 2,2-Dichloropropane	3.61	77	77	17.026	ug/l #	52
27) cis-1,2-Dichloroethene	3.54	96	69	8.073	ug/l	1
29) Tetrahydrofuran	4.07	42	180	164.858	ug/l #	33
30) Chloroform	3.78	83	91	7.494	ug/l #	18
31) Cyclohexane	3.64	56	83	7.181	ug/l #	16
36) 1,1-Dichloropropene	4.12	75	97	9.921	ug/l #	37
37) Ethyl Acetate	4.13	43	99	21.800	ug/l #	30
40) Benzene	4.74	78	74	2.894	ug/l #	52
41) Methacrylonitrile	4.75	41	230	99.033	ug/l #	25
43) Isopropyl Acetate	6.92	43	299	55.622	ug/l #	43
45) 1,2-Dichloropropane	6.24	63	63	10.191	ug/l #	44
46) Dibromomethane	5.99	93	102	26.798	ug/l #	1
48) Methyl methacrylate	6.68	41	143	44.204	ug/l #	17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	6.57	88	62	2038.784	ug/l #	20
51) 4-Methyl-2-Pentanone	8.24	43	59	15.361	ug/l #	34
54) cis-1,3-Dichloropropene	7.43	75	70	7.576	ug/l #	22
56) Ethyl methacrylate	8.46	69	60	11.826	ug/l #	26
58) 2-Chloroethyl Vinyl ether	7.27	63	60	68.540	ug/l #	44
59) 2-Hexanone	9.50	43	105	38.998	ug/l #	23
65) Chlorobenzene	9.91	112	67	9.515	ug/l #	42

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

