

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061680.D
 Acq On : 18 Feb 2019 16:00
 Operator : VA/AP
 Sample : K1518-13
 Misc : 5.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-7

Quant Time: Feb 19 01:57:56 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	4.86	168	1196	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	1328	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	546	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	4.84	65	157	17.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	35.80%	
35) Dibromofluoromethane	4.10	113	102	10.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	20.68%	
50) Toluene-d8	7.56	98	1049	37.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.00%	
62) 4-Bromofluorobenzene	11.24	95	63	5.49	ug/l	-0.18
Spiked Amount	50.000		Recovery	=	10.98%	

Target Compounds

						Qvalue
3) Chloromethane	1.11	50	153	10.617	ug/l #	42
4) Vinyl Chloride	1.10	62	72	5.374	ug/l #	40
5) Bromomethane	1.33	94	367	39.804	ug/l #	38
6) Chloroethane	1.43	64	124	18.782	ug/l #	40
10) Methyl Iodide	1.85	142	75	3.368	ug/l #	39
12) 1,1-Dichloroethene	1.73	96	63	6.147	ug/l #	1
13) Acrolein	2.00	56	551	863.724	ug/l #	15
14) Allyl chloride	2.13	41	1499	119.195	ug/l #	46
15) Acrylonitrile	2.92	53	179	99.423	ug/l #	18
16) Acetone	2.24	43	1794	953.371	ug/l #	46
17) Carbon Disulfide	1.78	76	62	1.925	ug/l #	73
18) Methyl Acetate	2.35	43	2429	572.997	ug/l #	59
19) Methyl tert-butyl Ether	2.37	73	71	4.054	ug/l #	1
20) Methylene Chloride	2.16	84	79	5.596	ug/l #	1
21) trans-1,2-Dichloroethene	2.34	96	400	35.904	ug/l #	1
22) Diisopropyl ether	2.81	45	243	8.050	ug/l #	1
23) Vinyl Acetate	3.18	43	534	36.217	ug/l #	74
24) 1,1-Dichloroethane	2.87	63	72	3.941	ug/l #	86
25) 2-Butanone	4.31	43	194	47.198	ug/l #	55
26) 2,2-Dichloropropane	3.58	77	90	11.631	ug/l #	52
27) cis-1,2-Dichloroethene	3.56	96	63	4.308	ug/l #	1
29) Tetrahydrofuran	4.05	42	270	144.526	ug/l #	33
30) Chloroform	3.80	83	69	3.321	ug/l #	18
31) Cyclohexane	3.65	56	80	4.045	ug/l #	16
37) Ethyl Acetate	4.09	43	159	26.021	ug/l #	30
39) Methylcyclohexane	5.55	83	62	3.985	ug/l #	15
40) Benzene	4.70	78	62	1.802	ug/l #	52
41) Methacrylonitrile	4.75	41	215	68.803	ug/l #	25
43) Isopropyl Acetate	6.95	43	134	18.527	ug/l #	43
48) Methyl methacrylate	6.67	41	66	15.163	ug/l #	17
51) 4-Methyl-2-Pentanone	8.23	43	67	12.964	ug/l #	34
52) Toluene	7.56	92	60	2.875	ug/l #	1
55) 1,1,2-Trichloroethane	8.31	97	98	15.983	ug/l #	16
56) Ethyl methacrylate	8.67	69	62	9.082	ug/l #	26

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.26	63	63	53.488	ug/l #	44
59) 2-Hexanone	9.52	43	177	48.859	ug/l #	23
61) 1,2-Dibromoethane	8.93	107	67	10.074	ug/l #	1

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

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