

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021819\
 Data File : VF061677.D
 Acq On : 18 Feb 2019 14:34
 Operator : VA/AP
 Sample : K1518-07
 Misc : 6.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-4

Quant Time: Feb 19 01:57:11 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	4.89	168	3799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	5083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	3102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	981	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	496	17.80	ug/l	0.00
Spiked Amount			Recovery	=	35.60%	
35) Dibromofluoromethane	4.14	113	702	18.60	ug/l	0.02
Spiked Amount			Recovery	=	37.20%	
50) Toluene-d8	7.57	98	3710	34.19	ug/l	0.00
Spiked Amount			Recovery	=	68.38%	
62) 4-Bromofluorobenzene	11.41	95	803	18.29	ug/l	0.00
Spiked Amount			Recovery	=	36.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	63	1.376	ug/l #	42
4) Vinyl Chloride	1.28	62	62	1.457	ug/l #	40
5) Bromomethane	1.31	94	128	4.371	ug/l #	3
6) Chloroethane	1.37	64	73	3.481	ug/l #	40
7) Trichlorofluoromethane	1.46	101	63	1.227	ug/l #	20
8) Diethyl Ether	1.62	74	74	5.721	ug/l	79
11) Tert butyl alcohol	2.58	59	135	83.732	ug/l #	63
12) 1,1-Dichloroethene	1.79	96	66	2.027	ug/l #	1
13) Acrolein	2.03	56	360	177.659	ug/l #	1
14) Allyl chloride	2.09	41	988	24.733	ug/l #	76
15) Acrylonitrile	2.95	53	62	10.841	ug/l #	18
16) Acetone	2.23	43	567	94.860	ug/l #	46
18) Methyl Acetate	2.39	43	1306	96.991	ug/l #	85
19) Methyl tert-butyl Ether	2.44	73	149	2.678	ug/l #	1
20) Methylene Chloride	2.20	84	276	6.420	ug/l #	47
21) trans-1,2-Dichloroethene	2.32	96	155	4.380	ug/l #	1
22) Diisopropyl ether	2.82	45	205	2.138	ug/l #	1
23) Vinyl Acetate	3.14	43	251	5.359	ug/l #	74
24) 1,1-Dichloroethane	2.90	63	121	2.085	ug/l #	86
25) 2-Butanone	4.32	43	253	19.378	ug/l #	55
26) 2,2-Dichloropropane	3.62	77	183	7.445	ug/l #	52
27) cis-1,2-Dichloroethene	3.50	96	61	1.313	ug/l	1
29) Tetrahydrofuran	4.10	42	231	38.927	ug/l #	33
31) Cyclohexane	3.69	56	88	1.401	ug/l #	16
36) 1,1-Dichloropropene	4.15	75	67	1.331	ug/l #	37
37) Ethyl Acetate	4.15	43	83	3.549	ug/l #	30
41) Methacrylonitrile	4.77	41	217	18.143	ug/l #	25
43) Isopropyl Acetate	6.97	43	277	10.006	ug/l #	43
46) Dibromomethane	6.06	93	75	3.826	ug/l #	1
48) Methyl methacrylate	6.75	41	143	8.583	ug/l #	17
49) 1,4-Dioxane	6.69	88	66	421.425	ug/l #	20
51) 4-Methyl-2-Pentanone	8.30	43	292	14.762	ug/l #	34
53) t-1,3-Dichloropropene	8.40	75	67	1.875	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.40	63	64	14.196	ug/l #	44

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59) 2-Hexanone	9.55	43	228	16.443	ug/l #	23
74) N-amyl acetate	11.40	43	251	14.972	ug/l #	44
79) 2-Chlorotoluene	11.65	91	65	1.448	ug/l #	36
91) 1,2-Dichlorobenzene	12.88	146	62	1.938	ug/l #	24

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

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