

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059424.D
 Acq On : 3 Jul 2018 20:47
 Operator : VA/AP
 Sample : J3845-08
 Misc : 5.01µ/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GF-G-4

Quant Time: Jul 04 00:14:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	281	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	906	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63

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	7.69	98	591	36.06	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.12%	
62) 4-Bromofluorobenzene	11.55	95	118	12.76	ug/l	0.05
Spiked Amount	50.000		Recovery	=	25.52%	

Target Compounds

						Qvalue
3) Chloromethane	1.08	50	195	113.059	ug/l #	41
5) Bromomethane	1.35	94	65	68.883	ug/l #	4
6) Chloroethane	1.43	64	118	137.997	ug/l #	45
8) Diethyl Ether	1.79	74	65	75.511	ug/l	84
11) Tert butyl alcohol	2.64	59	61	252.385	ug/l #	66
12) 1,1-Dichloroethene	1.75	96	66	39.839	ug/l #	1
13) Acrolein	2.14	56	93	853.655	ug/l #	10
14) Allyl chloride	2.20	41	73	23.474	ug/l #	1
15) Acrylonitrile	3.01	53	72	169.165	ug/l #	74
16) Acetone	2.27	43	66	65.254	ug/l #	65
18) Methyl Acetate	2.40	43	326	202.497	ug/l #	61
19) Methyl tert-butyl Ether	2.52	73	199	32.204	ug/l #	63
20) Methylene Chloride	2.40	84	62	27.062	ug/l #	1
21) trans-1,2-Dichloroethene	2.48	96	79	44.703	ug/l #	1
22) Diisopropyl ether	2.90	45	152	22.072	ug/l #	37
23) Vinyl Acetate	3.31	43	143	32.606	ug/l #	79
25) 2-Butanone	4.52	43	128	115.066	ug/l #	59
26) 2,2-Dichloropropane	3.74	77	183	62.141	ug/l #	62
28) Bromochloromethane	3.71	49	68	40.680	ug/l #	6
29) Tetrahydrofuran	4.21	42	61	126.249	ug/l #	36
30) Chloroform	3.95	83	80	12.943	ug/l #	18
31) Cyclohexane	3.86	56	66	23.596	ug/l #	13
36) 1,1-Dichloropropene	4.46	75	65	8.213	ug/l #	44
37) Ethyl Acetate	4.26	43	138	26.563	ug/l #	26
38) Carbon Tetrachloride	4.14	117	61	6.107	ug/l #	10
39) Methylcyclohexane	5.44	83	71	10.123	ug/l #	55
40) Benzene	4.71	78	134	7.636	ug/l #	51
41) Methacrylonitrile	4.87	41	166	61.486	ug/l #	26
43) Isopropyl Acetate	7.11	43	449	68.108	ug/l #	52
44) Trichloroethene	5.75	130	77	12.791	ug/l	1
45) 1,2-Dichloropropane	6.41	63	67	13.363	ug/l #	43
47) Bromodichloromethane	6.62	83	67	6.360	ug/l #	26
48) Methyl methacrylate	6.89	41	77	17.427	ug/l #	35
49) 1,4-Dioxane	7.03	88	79	3455.489	ug/l #	20

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51) 4-Methyl-2-Pentanone	8.40	43	194	39.721	ug/l #	39
53) t-1,3-Dichloropropene	8.26	75	154	16.039	ug/l #	43
54) cis-1,3-Dichloropropene	7.41	75	67	6.424	ug/l #	23
56) Ethyl methacrylate	8.77	69	69	10.925	ug/l #	17
59) 2-Hexanone	9.58	43	89	7.891	ug/l #	30
61) 1,2-Dibromoethane	9.11	107	60	9.704	ug/l #	1
67) Ethyl Benzene	10.00	91	138	13.104	ug/l #	44
68) m/p-Xylenes	10.33	106	67	17.875	ug/l #	1

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

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