

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059423.D
 Acq On : 3 Jul 2018 20:20
 Operator : VA/AP
 Sample : J3845-07
 Misc : 5.10µ/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GF-G-3

Quant Time: Jul 04 00:14:21 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	858	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.65	114	63	50.00	ug/l	-0.10
63) Chlorobenzene-d5	9.87	117	261	50.00	ug/l	-0.03
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	4.25	113	323	701.68	ug/l	-0.02
Spiked Amount	50.000					
			Recovery	=	1403.36%	
50) Toluene-d8	7.68	98	622	545.75	ug/l	-0.02
Spiked Amount	50.000					
			Recovery	=	1091.50%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000					
			Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.06	85	78	9.950	ug/l #	40
3) Chloromethane	1.07	50	103	19.558	ug/l #	41
5) Bromomethane	1.19	94	101	33.481	ug/l #	4
6) Chloroethane	1.44	64	64	24.512	ug/l #	45
8) Diethyl Ether	1.75	74	69	26.252	ug/l #	1
11) Tert butyl alcohol	2.66	59	59	79.948	ug/l #	66
12) 1,1-Dichloroethene	1.79	96	66	13.047	ug/l #	1
13) Acrolein	2.05	56	67	185.405	ug/l #	10
14) Allyl chloride	2.15	41	98	10.321	ug/l #	1
15) Acrylonitrile	3.07	53	62	47.708	ug/l #	9
16) Acetone	2.34	43	63	13.091	ug/l #	65
17) Carbon Disulfide	1.77	76	63	5.295	ug/l #	71
18) Methyl Acetate	2.47	43	66	12.314	ug/l #	61
19) Methyl tert-butyl Ether	2.52	73	182	9.646	ug/l #	63
21) trans-1,2-Dichloroethene	2.25	96	89	16.494	ug/l #	1
22) Diisopropyl ether	2.89	45	86	4.090	ug/l #	37
23) Vinyl Acetate	3.33	43	99	7.393	ug/l #	79
25) 2-Butanone	4.50	43	213	61.446	ug/l #	59
26) 2,2-Dichloropropane	3.75	77	143	15.903	ug/l #	62
27) cis-1,2-Dichloroethene	3.73	96	64	7.812	ug/l	1
28) Bromochloromethane	3.95	49	62	8.894	ug/l #	6
29) Tetrahydrofuran	4.19	42	80	48.987	ug/l #	36
30) Chloroform	3.92	83	60	3.179	ug/l #	18
31) Cyclohexane	3.85	56	122	14.285	ug/l #	13
32) 1,1,1-Trichloroethane	4.27	97	132	9.557	ug/l #	21
36) 1,1-Dichloropropene	4.25	75	157	285.270	ug/l #	23
37) Ethyl Acetate	4.20	43	64	185.809	ug/l #	26
39) Methylcyclohexane	5.58	83	69	141.481	ug/l #	15
40) Benzene	4.68	78	62	50.809	ug/l #	51
41) Methacrylonitrile	4.81	41	144	767.044	ug/l #	26
42) 1,2-Dichloroethane	4.88	62	101	141.647	ug/l	83
43) Isopropyl Acetate	6.96	43	161	351.207	ug/l #	52
45) 1,2-Dichloropropane	6.30	63	60	172.098	ug/l #	1
47) Bromodichloromethane	6.47	83	67	91.468	ug/l #	26

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	6.61	41	111	361.279	ug/l #	11
49) 1,4-Dioxane	6.93	88	81	51562.078	ug/l #	20
51) 4-Methyl-2-Pentanone	8.25	43	75	220.835	ug/l #	39
52) Toluene	7.71	92	77	84.329	ug/l #	1
53) t-1,3-Dichloropropene	8.40	75	63	94.357	ug/l #	43
54) cis-1,3-Dichloropropene	7.23	75	173	238.540	ug/l #	23
56) Ethyl methacrylate	8.62	69	70	159.391	ug/l #	17
59) 2-Hexanone	9.49	43	99	398.023	ug/l #	30
61) 1,2-Dibromoethane	8.98	107	70	162.807	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.10	131	80	38.246	ug/l #	10
67) Ethyl Benzene	10.02	91	64	7.801	ug/l #	44
68) m/p-Xylenes	10.27	106	104	35.614	ug/l #	1

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

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