

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061168.D
 Acq On : 24 Dec 2018 16:38
 Operator : VA/AP
 Sample : J6511-07RE
 Misc : 2.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-63(0-5)-GRABRE

Quant Time: Dec 25 01:30:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	1449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	1809	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	382	20.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.00%	
35) Dibromofluoromethane	4.12	113	675	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	7.56	98	938	22.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.68%	
62) 4-Bromofluorobenzene	11.50	95	74	3.91	ug/l	0.09
Spiked Amount	50.000		Recovery	=	7.82%	

Target Compounds

						Qvalue
3) Chloromethane	1.10	50	107	5.799	ug/l #	42
5) Bromomethane	1.34	94	412	34.705	ug/l #	3
6) Chloroethane	1.40	64	65	8.242	ug/l #	1
8) Diethyl Ether	1.65	74	65	14.524	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	1.71	101	76	4.485	ug/l #	21
11) Tert butyl alcohol	2.56	59	65	86.429	ug/l #	1
12) 1,1-Dichloroethene	1.82	96	76	5.950	ug/l #	1
13) Acrolein	1.99	56	398	732.375	ug/l #	52
14) Allyl chloride	2.08	41	454	34.155	ug/l #	87
15) Acrylonitrile	2.91	53	294	169.056	ug/l #	14
16) Acetone	2.25	43	1586	425.696	ug/l #	66
17) Carbon Disulfide	1.87	76	138	3.575	ug/l #	68
18) Methyl Acetate	2.36	43	437	56.694	ug/l #	66
19) Methyl tert-butyl Ether	2.44	73	88	3.104	ug/l #	59
20) Methylene Chloride	2.19	84	66	1.156	ug/l #	34
21) trans-1,2-Dichloroethene	2.31	96	67	4.904	ug/l #	1
22) Diisopropyl ether	2.77	45	421	9.508	ug/l #	1
23) Vinyl Acetate	3.27	43	1374	67.267	ug/l #	78
24) 1,1-Dichloroethane	2.86	63	182	6.938	ug/l #	88
25) 2-Butanone	4.30	43	329	54.449	ug/l #	57
26) 2,2-Dichloropropane	3.63	77	130	8.635	ug/l #	62
27) cis-1,2-Dichloroethene	3.53	96	69	3.299	ug/l	1
28) Bromochloromethane	3.82	49	105	7.888	ug/l #	10
29) Tetrahydrofuran	4.08	42	194	78.885	ug/l #	37
31) Cyclohexane	3.66	56	63	2.314	ug/l #	15
37) Ethyl Acetate	4.08	43	594	77.344	ug/l #	21
40) Benzene	4.53	78	66	1.406	ug/l #	49
41) Methacrylonitrile	4.76	41	311	67.440	ug/l #	27
43) Isopropyl Acetate	6.96	43	71	6.734	ug/l #	45
48) Methyl methacrylate	6.74	41	277	37.634	ug/l #	19
51) 4-Methyl-2-Pentanone	8.30	43	250	34.574	ug/l #	38
53) t-1,3-Dichloropropene	8.34	75	68	3.915	ug/l #	42
59) 2-Hexanone	9.49	43	100	19.123	ug/l #	27
65) Chlorobenzene	9.78	112	63	10.165	ug/l #	40

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

