

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
 Data File : VF061839.D
 Acq On : 5 Mar 2019 1:08
 Operator : VA/AP
 Sample : K1712-11
 Misc : 5.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-2-2

Quant Time: Mar 05 05:05:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:04:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	7442	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	8299	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	3916	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	748	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	1127	20.65	ug/l	-0.02
Spiked Amount			Recovery	=	41.30%	
35) Dibromofluoromethane	4.11	113	2067	33.54	ug/l	-0.01
Spiked Amount			Recovery	=	67.08%	
50) Toluene-d8	7.55	98	6171	34.83	ug/l	-0.01
Spiked Amount			Recovery	=	69.66%	
62) 4-Bromofluorobenzene	11.40	95	1165	16.25	ug/l	-0.01
Spiked Amount			Recovery	=	32.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.92	85	69	0.807	ug/l #	43
3) Chloromethane	1.08	50	112	1.249	ug/l #	42
5) Bromomethane	1.30	94	199	3.469	ug/l #	3
6) Chloroethane	1.36	64	67	1.631	ug/l #	1
8) Diethyl Ether	1.51	74	86	3.394	ug/l	80
11) Tert butyl alcohol	2.64	59	65	20.580	ug/l #	1
12) 1,1-Dichloroethene	1.77	96	70	1.098	ug/l #	1
13) Acrolein	1.89	56	236	59.453	ug/l	85
14) Allyl chloride	2.11	41	460	5.878	ug/l #	70
15) Acrylonitrile	2.93	53	230	20.531	ug/l #	19
16) Acetone	2.22	43	869	74.217	ug/l	90
17) Carbon Disulfide	1.70	76	60	0.299	ug/l #	1
18) Methyl Acetate	2.35	43	2226	84.390	ug/l #	59
19) Methyl tert-butyl Ether	2.42	73	179	1.642	ug/l #	14
20) Methylene Chloride	2.18	84	457	6.461	ug/l #	66
21) trans-1,2-Dichloroethene	2.33	96	85	1.226	ug/l #	13
22) Diisopropyl ether	2.78	45	328	1.746	ug/l #	5
23) Vinyl Acetate	3.18	43	572	6.235	ug/l #	74
24) 1,1-Dichloroethane	2.84	63	163	1.434	ug/l #	86
25) 2-Butanone	4.33	43	133	5.200	ug/l #	55
26) 2,2-Dichloropropane	3.61	77	80	1.661	ug/l #	52
27) cis-1,2-Dichloroethene	3.47	96	95	1.044	ug/l	1
29) Tetrahydrofuran	4.08	42	167	14.366	ug/l #	33
31) Cyclohexane	3.59	56	60	0.488	ug/l #	16
36) 1,1-Dichloropropene	4.24	75	73	0.888	ug/l #	37
37) Ethyl Acetate	4.13	43	231	6.049	ug/l #	30
41) Methacrylonitrile	4.73	41	62	3.175	ug/l #	25
43) Isopropyl Acetate	6.95	43	66	1.460	ug/l #	43
45) 1,2-Dichloropropane	6.23	63	76	1.462	ug/l #	44
48) Methyl methacrylate	6.68	41	84	3.088	ug/l #	17
51) 4-Methyl-2-Pentanone	8.22	43	84	2.601	ug/l #	34
54) cis-1,3-Dichloropropene	7.41	75	141	1.815	ug/l #	48
58) 2-Chloroethyl Vinyl ether	7.23	63	69	9.374	ug/l #	44
59) 2-Hexanone	9.49	43	141	6.228	ug/l #	23

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67) Ethyl Benzene	9.75	91	102	0.772	ug/l #	45
74) N-amyl acetate	11.38	43	82	6.415	ug/l #	44
76) 1,2,3-Trichloropropane	11.67	75	66	10.174	ug/l #	42
79) 2-Chlorotoluene	11.77	91	62	1.811	ug/l #	36
82) 4-Chlorotoluene	12.01	91	67	1.886	ug/l #	37
90) Hexachloroethane	12.90	117	124	10.421	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.28	180	67	3.831	ug/l #	11

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

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