

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
 Data File : VF061840.D
 Acq On : 5 Mar 2019 1:37
 Operator : VA/AP
 Sample : K1712-15
 Misc : 6.26g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-2-3

Quant Time: Mar 05 05:05:54 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	4.86	168	2143	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	1974	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	880	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	83	5.28	ug/l	-0.04
Spiked Amount						
			Recovery	=	10.56%	
35) Dibromofluoromethane	4.11	113	427	29.13	ug/l	-0.01
Spiked Amount						
			Recovery	=	58.26%	
50) Toluene-d8	7.54	98	1830	43.43	ug/l	-0.02
Spiked Amount						
			Recovery	=	86.86%	
62) 4-Bromofluorobenzene	11.42	95	235	13.78	ug/l	0.00
Spiked Amount						
			Recovery	=	27.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.09	85	65	2.641	ug/l #	43
3) Chloromethane	1.03	50	62	2.401	ug/l #	42
4) Vinyl Chloride	1.19	62	92	3.833	ug/l #	40
5) Bromomethane	1.29	94	602	36.439	ug/l #	3
6) Chloroethane	1.39	64	64	5.410	ug/l #	1
8) Diethyl Ether	1.66	74	70	9.594	ug/l	49
11) Tert butyl alcohol	2.61	59	100	109.953	ug/l #	1
12) 1,1-Dichloroethene	1.76	96	197	10.728	ug/l #	1
13) Acrolein	1.98	56	418	365.686	ug/l	86
14) Allyl chloride	2.12	41	388	17.219	ug/l #	57
15) Acrylonitrile	2.93	53	390	120.894	ug/l #	4
16) Acetone	2.18	43	613	181.806	ug/l	91
17) Carbon Disulfide	1.84	76	69	1.195	ug/l #	73
18) Methyl Acetate	2.34	43	879	115.724	ug/l #	59
19) Methyl tert-butyl Ether	2.40	73	60	1.912	ug/l #	1
20) Methylene Chloride	2.21	84	60	2.946	ug/l #	5
21) trans-1,2-Dichloroethene	2.31	96	66	3.306	ug/l #	1
22) Diisopropyl ether	2.76	45	1057	19.541	ug/l #	47
23) Vinyl Acetate	3.17	43	455	17.222	ug/l #	74
24) 1,1-Dichloroethane	2.85	63	66	2.016	ug/l #	86
25) 2-Butanone	4.32	43	149	20.231	ug/l #	55
26) 2,2-Dichloropropane	3.62	77	69	4.976	ug/l #	52
27) cis-1,2-Dichloroethene	3.46	96	65	2.481	ug/l	1
29) Tetrahydrofuran	4.06	42	63	18.821	ug/l #	18
31) Cyclohexane	3.64	56	69	1.947	ug/l #	16
36) 1,1-Dichloropropene	4.18	75	62	3.171	ug/l #	37
37) Ethyl Acetate	4.12	43	63	6.936	ug/l #	30
40) Benzene	4.60	78	73	1.427	ug/l #	52
41) Methacrylonitrile	4.73	41	125	26.911	ug/l #	25
43) Isopropyl Acetate	6.91	43	65	6.046	ug/l #	43
48) Methyl methacrylate	6.65	41	306	47.296	ug/l #	17
51) 4-Methyl-2-Pentanone	8.20	43	65	8.461	ug/l #	34
55) 1,1,2-Trichloroethane	8.47	97	59	6.473	ug/l #	16
58) 2-Chloroethyl Vinyl ether	7.16	63	73	41.695	ug/l #	44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2-Hexanone	9.47	43	153	28.413	ug/l #	23
69) o-Xylene	10.84	106	78	6.432	ug/l #	1

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

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