

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061947.D
 Acq On : 14 Mar 2019 19:16
 Operator : VA/AP
 Sample : K1911-01
 Misc : 4.40g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200036

Quant Time: Mar 15 01:19:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	14145	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	16918	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	12389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	4432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	2642	25.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	51.30%	
35) Dibromofluoromethane	4.11	113	5433	46.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.04%	
50) Toluene-d8	7.55	98	17481	49.81	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.41	95	4800	34.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.84%	

Target Compounds

						Qvalue
3) Chloromethane	1.09	50	184	1.093	ug/l #	45
5) Bromomethane	1.30	94	585	5.373	ug/l #	3
6) Chloroethane	1.44	64	80	1.053	ug/l #	1
8) Diethyl Ether	1.65	74	198	4.462	ug/l	47
12) 1,1-Dichloroethene	1.79	96	140	1.157	ug/l #	1
13) Acrolein	1.88	56	499	67.355	ug/l	94
14) Allyl chloride	2.04	41	230	1.726	ug/l #	88
15) Acrylonitrile	2.94	53	240	12.891	ug/l #	16
16) Acetone	2.26	43	1462	67.755	ug/l	92
18) Methyl Acetate	2.33	43	811	16.930	ug/l #	62
22) Diisopropyl ether	2.91	45	634	1.829	ug/l #	16
23) Vinyl Acetate	3.14	43	590	3.810	ug/l #	76
25) 2-Butanone	4.35	43	201	4.580	ug/l #	56
29) Tetrahydrofuran	4.05	42	182	9.615	ug/l #	66
37) Ethyl Acetate	4.08	43	243	3.623	ug/l #	20
41) Methacrylonitrile	4.73	41	245	6.666	ug/l #	24
43) Isopropyl Acetate	6.98	43	159	1.923	ug/l #	42
46) Dibromomethane	5.99	93	64	1.024	ug/l #	2
48) Methyl methacrylate	6.72	41	234	4.472	ug/l #	18
49) 1,4-Dioxane	7.04	88	60	125.428	ug/l #	26
51) 4-Methyl-2-Pentanone	8.22	43	425	7.437	ug/l #	35
52) Toluene	7.63	92	960	3.885	ug/l	77
59) 2-Hexanone	9.52	43	139	3.372	ug/l #	22
74) N-ethyl acetate	11.39	43	113	1.609	ug/l #	42
76) 1,2,3-Trichloropropane	11.96	75	74	2.138	ug/l #	10
81) trans-1,4-Dichloro-2-buten	11.96	75	74	4.676	ug/l #	18

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

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