

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012119\
 Data File : VF061473.D
 Acq On : 21 Jan 2019 14:59
 Operator : VA/AP
 Sample : K1009-03RE
 Misc : 6.39g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-011819-BRE

Quant Time: Jan 22 06:29:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	178	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.72	65	65	8.95	ug/l	-0.11
Spiked Amount	50.000		Recovery	=	17.90%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.54	98	219	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
62) 4-Bromofluorobenzene	11.44	95	66	36.71	ug/l	0.04
Spiked Amount	50.000		Recovery	=	73.42%	

Target Compounds

						Qvalue
3) Chloromethane	1.10	50	108	12.749	ug/l #	44
5) Bromomethane	1.32	94	327	66.545	ug/l #	63
6) Chloroethane	1.38	64	131	39.232	ug/l #	41
8) Diethyl Ether	1.69	74	108	57.535	ug/l	48
11) Tert butyl alcohol	2.53	59	76	247.327	ug/l #	1
12) 1,1-Dichloroethene	1.82	96	63	12.047	ug/l #	1
13) Acrolein	1.97	56	489	1781.467	ug/l	100
14) Allyl chloride	2.12	41	390	66.951	ug/l #	48
15) Acrylonitrile	2.92	53	83	105.449	ug/l #	9
16) Acetone	2.21	43	275	188.826	ug/l #	81
18) Methyl Acetate	2.35	43	614	212.589	ug/l #	61
19) Methyl tert-butyl Ether	2.50	73	70	5.971	ug/l #	59
20) Methylene Chloride	2.11	84	66	12.015	ug/l #	1
21) trans-1,2-Dichloroethene	2.45	96	66	11.471	ug/l #	1
22) Diisopropyl ether	2.81	45	474	25.469	ug/l #	56
23) Vinyl Acetate	3.14	43	688	86.168	ug/l #	78
24) 1,1-Dichloroethane	2.88	63	62	5.308	ug/l #	85
25) 2-Butanone	4.35	43	244	100.749	ug/l #	57
26) 2,2-Dichloropropane	3.55	77	62	8.639	ug/l #	61
29) Tetrahydrofuran	4.06	42	223	213.839	ug/l #	38
31) Cyclohexane	3.73	56	70	5.999	ug/l #	13
37) Ethyl Acetate	4.09	43	91	110.306	ug/l #	5
39) Methylcyclohexane	5.54	83	62	27.721	ug/l #	39
41) Methacrylonitrile	4.74	41	91	207.302	ug/l #	49
42) 1,2-Dichloroethane	5.04	62	138	84.329	ug/l	76
43) Isopropyl Acetate	6.95	43	122	117.828	ug/l #	27
48) Methyl methacrylate	6.77	41	190	273.272	ug/l #	19
49) 1,4-Dioxane	7.04	88	68	14981.506	ug/l #	13
51) 4-Methyl-2-Pentanone	8.26	43	173	227.277	ug/l #	39
56) Ethyl methacrylate	8.51	69	62	62.053	ug/l #	6
59) 2-Hexanone	9.51	43	207	389.985	ug/l #	26
61) 1,2-Dibromoethane	8.96	107	62	63.063	ug/l #	5

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

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