

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF061998.D
 Acq On : 18 Mar 2019 15:34
 Operator : VA/AP
 Sample : K1933-05RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-5RE

Quant Time: Mar 19 01:22:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	6401	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	7227	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	4403	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	841	18.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	36.50%	
35) Dibromofluoromethane	4.09	113	1886	38.86	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	77.72%	
50) Toluene-d8	7.54	98	7835	55.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	11.41	95	1415	25.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.95	85	69	1.011	ug/l #	44
3) Chloromethane	1.20	50	75	1.082	ug/l #	46
5) Bromomethane	1.33	94	270	5.731	ug/l #	3
8) Diethyl Ether	1.53	74	68	3.443	ug/l	83
12) 1,1-Dichloroethene	1.73	96	67	1.240	ug/l #	1
13) Acrolein	1.89	56	297	97.578	ug/l	98
14) Allyl chloride	2.10	41	644	9.339	ug/l #	17
15) Acrylonitrile	2.93	53	304	35.456	ug/l #	23
16) Acetone	2.16	43	1292	124.870	ug/l	96
18) Methyl Acetate	2.43	43	257	12.141	ug/l #	63
19) Methyl tert-butyl Ether	2.45	73	101	1.032	ug/l #	58
20) Methylene Chloride	2.18	84	395	7.415	ug/l #	38
21) trans-1,2-Dichloroethene	2.26	96	244	4.328	ug/l #	1
22) Diisopropyl ether	2.81	45	1071	6.457	ug/l #	81
23) Vinyl Acetate	3.14	43	128	1.957	ug/l #	77
25) 2-Butanone	4.32	43	148	7.223	ug/l #	51
26) 2,2-Dichloropropane	3.57	77	61	1.341	ug/l #	54
29) Tetrahydrofuran	4.07	42	66	7.406	ug/l #	33
37) Ethyl Acetate	4.11	43	103	3.515	ug/l #	19
41) Methacrylonitrile	4.75	41	85	5.429	ug/l #	22
43) Isopropyl Acetate	6.99	43	354	10.210	ug/l #	38
48) Methyl methacrylate	6.66	41	161	7.185	ug/l #	20
51) 4-Methyl-2-Pentanone	8.21	43	86	3.493	ug/l #	36
54) cis-1,3-Dichloropropene	7.24	75	105	1.661	ug/l #	34
56) Ethyl methacrylate	8.54	69	76	2.267	ug/l #	24
59) 2-Hexanone	9.48	43	62	3.480	ug/l #	23
74) N-amyl acetate	11.39	43	99	6.514	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.67	83	83	7.582	ug/l #	22
78) n-propylbenzene	11.63	91	79	1.036	ug/l #	52
79) 2-Chlorotoluene	11.63	91	79	1.835	ug/l #	38
86) p-Isopropyltoluene	12.46	119	65	1.029	ug/l #	51
89) n-Butylbenzene	12.85	91	68	1.146	ug/l #	27
95) Naphthalene	14.45	128	71	2.028	ug/l #	70

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

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