

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061798.D
 Acq On : 28 Feb 2019 20:16
 Operator : VA/AP
 Sample : K1349-13RE
 Misc : 4.90g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-022719-ARE

Quant Time: Mar 01 00:20:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	621	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	681	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	555	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	4.83	65	69	15.15	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	30.30%	
35) Dibromofluoromethane	4.24	113	77	15.23	ug/l	0.12
Spiked Amount				50.000		
			Recovery	=	30.46%	
50) Toluene-d8	7.55	98	489	33.64	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	67.28%	
62) 4-Bromofluorobenzene	11.27	95	85	14.45	ug/l	-0.15
Spiked Amount				50.000		
			Recovery	=	28.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.12	50	179	23.922	ug/l #	42
4) Vinyl Chloride	1.13	62	62	8.913	ug/l #	40
5) Bromomethane	1.32	94	304	63.500	ug/l #	3
6) Chloroethane	1.41	64	121	35.298	ug/l #	40
7) Trichlorofluoromethane	1.54	101	79	9.416	ug/l #	20
8) Diethyl Ether	1.61	74	74	35.000	ug/l	94
10) Methyl Iodide	1.81	142	62	5.363	ug/l #	39
11) Tert butyl alcohol	2.57	59	62	235.249	ug/l #	63
12) 1,1-Dichloroethene	1.79	96	100	18.792	ug/l #	1
13) Acrolein	2.11	56	398	1201.562	ug/l	91
14) Allyl chloride	2.08	41	746	114.244	ug/l #	67
15) Acrylonitrile	2.93	53	255	272.779	ug/l #	17
16) Acetone	2.15	43	837	856.652	ug/l	98
17) Carbon Disulfide	1.84	76	80	4.783	ug/l #	73
18) Methyl Acetate	2.35	43	480	218.075	ug/l #	59
19) Methyl tert-butyl Ether	2.37	73	141	15.504	ug/l #	1
20) Methylene Chloride	2.17	84	75	12.431	ug/l #	1
21) trans-1,2-Dichloroethene	2.31	96	151	26.103	ug/l #	1
22) Diisopropyl ether	2.78	45	219	13.972	ug/l #	34
23) Vinyl Acetate	3.19	43	362	47.284	ug/l #	74
24) 1,1-Dichloroethane	2.88	63	60	6.325	ug/l #	86
25) 2-Butanone	4.28	43	338	158.373	ug/l #	61
26) 2,2-Dichloropropane	3.59	77	444	110.505	ug/l #	52
27) cis-1,2-Dichloroethene	3.46	96	78	10.273	ug/l	1
29) Tetrahydrofuran	4.11	42	76	78.349	ug/l #	33
30) Chloroform	4.00	83	66	6.118	ug/l #	18
31) Cyclohexane	3.67	56	104	10.128	ug/l #	16
36) 1,1-Dichloropropene	4.13	75	75	11.117	ug/l #	37
37) Ethyl Acetate	4.14	43	60	19.148	ug/l #	30
39) Methylcyclohexane	5.47	83	59	7.395	ug/l #	15
40) Benzene	4.65	78	118	6.687	ug/l #	52
41) Methacrylonitrile	4.76	41	76	47.428	ug/l #	30
43) Isopropyl Acetate	6.95	43	173	46.644	ug/l #	43
48) Methyl methacrylate	6.67	41	152	68.099	ug/l #	17

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061798.D
 Acq On : 28 Feb 2019 20:16
 Operator : VA/AP
 Sample : K1349-13RE
 Misc : 4.90g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-022719-ARE

Quant Time: Mar 01 00:20:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	8.18	43	118	44.525	ug/l #	34
54) cis-1,3-Dichloropropene	7.18	75	65	10.196	ug/l #	1
59) 2-Hexanone	9.47	43	258	138.881	ug/l #	23
64) Tetrachloroethene	8.12	164	62	13.667	ug/l #	1
67) Ethyl Benzene	9.86	91	75	4.004	ug/l #	45
68) m/p-Xylenes	10.15	106	80	11.161	ug/l #	1

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

