

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF061997.D
 Acq On : 18 Mar 2019 15:05
 Operator : VA/AP
 Sample : K1933-03RE
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-3RE

Quant Time: Mar 19 01:22:11 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	220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	263	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	12.65	152	63	50.00	ug/l	0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
50) Toluene-d8	7.55	98	161	31.18	ug/l	0.00
Spiked Amount						
			Recovery	=	62.36%	
62) 4-Bromofluorobenzene	11.40	95	211	102.88	ug/l	0.00
Spiked Amount						
			Recovery	=	205.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.08	85	111	47.329	ug/l #	37
3) Chloromethane	1.08	50	67	28.112	ug/l #	46
5) Bromomethane	1.32	94	567	350.156	ug/l #	3
6) Chloroethane	1.37	64	74	62.188	ug/l #	20
8) Diethyl Ether	1.59	74	142	209.169	ug/l	61
9) 1,1,2-Trichlorotrifluoroet	1.93	101	64	29.746	ug/l #	18
12) 1,1-Dichloroethene	1.77	96	67	36.083	ug/l #	1
13) Acrolein	1.96	56	663	6337.738	ug/l #	1
14) Allyl chloride	2.13	41	573	241.753	ug/l #	17
15) Acrylonitrile	2.90	53	110	373.283	ug/l #	18
16) Acetone	2.27	43	979	2752.982	ug/l	90
17) Carbon Disulfide	1.95	76	80	14.898	ug/l #	76
18) Methyl Acetate	2.39	43	1676	2303.676	ug/l #	63
19) Methyl tert-butyl Ether	2.38	73	63	18.725	ug/l #	58
20) Methylene Chloride	2.12	84	63	34.411	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	64	33.029	ug/l #	1
22) Diisopropyl ether	2.80	45	549	96.297	ug/l #	1
23) Vinyl Acetate	3.19	43	616	274.089	ug/l #	77
24) 1,1-Dichloroethane	2.86	63	64	19.306	ug/l #	86
25) 2-Butanone	4.36	43	168	238.541	ug/l #	51
26) 2,2-Dichloropropane	3.62	77	73	46.686	ug/l #	54
27) cis-1,2-Dichloroethene	3.43	96	108	44.221	ug/l	1
28) Bromochloromethane	3.75	49	60	43.620	ug/l #	7
29) Tetrahydrofuran	4.09	42	304	992.528	ug/l #	33
30) Chloroform	3.73	83	64	17.040	ug/l #	15
31) Cyclohexane	3.75	56	76	23.400	ug/l #	3
32) 1,1,1-Trichloroethane	4.07	97	63	25.257	ug/l #	23
37) Ethyl Acetate	4.12	43	144	135.033	ug/l #	19
41) Methacrylonitrile	4.77	41	273	479.153	ug/l #	22
43) Isopropyl Acetate	6.99	43	202	160.098	ug/l #	38
48) Methyl methacrylate	6.75	41	293	359.312	ug/l #	20
49) 1,4-Dioxane	6.24	88	73	10064.226	ug/l #	15
51) 4-Methyl-2-Pentanone	8.25	43	186	207.596	ug/l #	36
59) 2-Hexanone	9.45	43	321	495.050	ug/l #	23

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF061997.D
 Acq On : 18 Mar 2019 15:05
 Operator : VA/AP
 Sample : K1933-03RE
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-3RE

Quant Time: Mar 19 01:22:11 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)

73) Isopropylbenzene	10.96	105	92	21.138	ug/l #	47
74) N-amyl acetate	11.38	43	178	178.483	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.68	83	204	283.958	ug/l #	22
78) n-propylbenzene	11.57	91	97	19.382	ug/l #	52
79) 2-Chlorotoluene	11.73	91	87	30.798	ug/l #	38
82) 4-Chlorotoluene	11.97	91	64	22.404	ug/l #	39
83) tert-Butylbenzene	12.23	119	162	44.059	ug/l #	32
84) 1,2,4-Trimethylbenzene	12.21	105	171	48.558	ug/l #	26
85) sec-Butylbenzene	12.32	105	82	16.506	ug/l #	57
86) p-Isopropyltoluene	12.44	119	1012	244.131	ug/l #	55
89) n-Butylbenzene	12.84	91	538	138.118	ug/l #	60
91) 1,2-Dichlorobenzene	13.09	146	83	45.237	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.64	75	75	650.558	ug/l #	16
95) Naphthalene	14.47	128	63	27.416	ug/l #	70

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

