

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
 Data File : VF061837.D
 Acq On : 5 Mar 2019 00:11
 Operator : VA/AP
 Sample : K1712-05
 Misc : 5.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-4-2-AB

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 10:48:31 AM

Quant Time: Mar 05 05:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:04:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	226750	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	347393	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	262647	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	100641	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	93289	56.10	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	112.20%	
35) Dibromofluoromethane	4.11	113	115196	44.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.30%	
50) Toluene-d8	7.54	98	279111	37.64	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	75.28%	
62) 4-Bromofluorobenzene	11.41	95	102998	34.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	259	0.099	ug/l #	53
3) Chloromethane	1.07	50	647	0.237	ug/l #	42
5) Bromomethane	1.31	94	201	0.115	ug/l #	3
6) Chloroethane	1.43	64	71	0.057	ug/l #	40
10) Methyl Iodide	1.96	142	63	0.015	ug/l #	39
12) 1,1-Dichloroethene	1.79	96	67	0.034	ug/l #	2
14) Allyl chloride	2.04	41	534	0.224	ug/l #	66
15) Acrylonitrile	2.95	53	85	0.249	ug/l #	58
16) Acetone	2.23	43	23027	64.545	ug/l	98
17) Carbon Disulfide	1.82	76	360	0.059	ug/l #	73
19) Methyl tert-butyl Ether	2.44	73	254	0.076	ug/l #	57
20) Methylene Chloride	2.25	84	26532m	12.311	ug/l	
21) trans-1,2-Dichloroethene	2.28	96	500	0.237	ug/l #	1
22) Diisopropyl ether	2.82	45	789	0.138	ug/l #	1
23) Vinyl Acetate	3.18	43	549	0.196	ug/l #	74
24) 1,1-Dichloroethane	2.83	63	446	0.129	ug/l #	86
26) 2,2-Dichloropropane	3.51	77	62	0.042	ug/l #	52
27) cis-1,2-Dichloroethene	3.37	96	63	0.023	ug/l	1
30) Chloroform	3.87	83	394	0.100	ug/l #	18
31) Cyclohexane	3.67	56	80	0.021	ug/l #	16
32) 1,1,1-Trichloroethane	4.21	97	492	0.191	ug/l	89
36) 1,1-Dichloropropene	4.34	75	269	0.078	ug/l #	37
37) Ethyl Acetate	4.16	43	299	0.187	ug/l #	30
38) Carbon Tetrachloride	4.08	117	265	0.112	ug/l #	82
39) Methylcyclohexane	5.45	83	2401	0.590	ug/l #	72
40) Benzene	4.63	78	968	0.108	ug/l #	52
41) Methacrylonitrile	4.78	41	138	0.169	ug/l #	25
42) 1,2-Dichloroethane	5.03	62	64	0.030	ug/l	67
43) Isopropyl Acetate	6.94	43	222	0.117	ug/l #	43
44) Trichloroethene	5.50	130	601	0.206	ug/l	90
45) 1,2-Dichloropropane	6.19	63	69	0.032	ug/l #	44
47) Bromodichloromethane	6.53	83	62	0.021	ug/l #	24
48) Methyl methacrylate	6.67	41	190	0.167	ug/l #	45
52) Toluene	7.62	92	2804	0.514	ug/l #	66

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
 Data File : VF061837.D
 Acq On : 5 Mar 2019 00:11
 Operator : VA/AP
 Sample : K1712-05
 Misc : 5.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-4-2-AB

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 10:48:31 AM

Quant Time: Mar 05 05:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:04:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) t-1,3-Dichloropropene	8.29	75	77	0.032	ug/l #	42
54) cis-1,3-Dichloropropene	7.33	75	89	0.027	ug/l #	36
55) 1,1,2-Trichloroethane	8.52	97	62	0.039	ug/l #	16
58) 2-Chloroethyl Vinyl ether	7.30	63	179	0.581	ug/l #	44
64) Tetrachloroethene	8.15	164	83	0.039	ug/l #	39
67) Ethyl Benzene	9.89	91	2802	0.316	ug/l #	76
68) m/p-Xylenes	10.13	106	3945	1.163	ug/l	80
69) o-Xylene	10.71	106	1516	0.419	ug/l	76
70) Styrene	10.79	104	262	0.051	ug/l #	32
73) Isopropylbenzene	11.12	105	234	0.033	ug/l #	48
74) N-amyl acetate	11.38	43	696	0.405	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	11.67	83	472	0.368	ug/l #	1
76) 1,2,3-Trichloropropane	11.88	75	98	0.112	ug/l #	42
77) Bromobenzene	11.49	156	85	0.048	ug/l #	1
78) n-propylbenzene	11.59	91	583	0.071	ug/l #	54
79) 2-Chlorotoluene	11.72	91	383	0.083	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.81	105	635	0.111	ug/l	83
81) trans-1,4-Dichloro-2-buten	11.88	75	98	0.234	ug/l #	21
82) 4-Chlorotoluene	11.90	91	376	0.079	ug/l #	37
83) tert-Butylbenzene	12.13	119	201	0.032	ug/l #	33
84) 1,2,4-Trimethylbenzene	12.21	105	1242	0.218	ug/l	74
85) sec-Butylbenzene	12.31	105	692	0.084	ug/l #	54
86) p-Isopropyltoluene	12.45	119	617	0.090	ug/l #	43
87) 1,3-Dichlorobenzene	12.49	146	220	0.064	ug/l #	26
88) 1,4-Dichlorobenzene	12.55	146	435	0.131	ug/l #	1
89) n-Butylbenzene	12.84	91	802	0.123	ug/l #	63
91) 1,2-Dichlorobenzene	12.95	146	356	0.108	ug/l #	66
93) 1,2,4-Trichlorobenzene	14.20	180	351	0.149	ug/l #	77
95) Naphthalene	14.46	128	1809	0.439	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.60	180	249	0.115	ug/l #	76

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
 Data File : VF061837.D
 Acq On : 5 Mar 2019 00:11
 Operator : VA/AP
 Sample : K1712-05
 Misc : 5.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-4-2-AB

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 10:48:31 AM

Quant Time: Mar 05 05:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:04:51 2019
 Response via : Initial Calibration

