

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062639.D
 Acq On : 17 May 2019 15:34
 Operator : FY/SY
 Sample : K2822-03
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-3

Quant Time: May 18 01:38:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	267	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.67	114	299	50.00	ug/l	-0.12
63) Chlorobenzene-d5	9.71	117	85	50.00	ug/l	-0.21
72) 1,4-Dichlorobenzene-d4	12.68	152	185	50.00	ug/l	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	654	346.63	ug/l	-0.01
Spiked Amount			Recovery	=	693.26%	
35) Dibromofluoromethane	4.27	113	63	27.54	ug/l	-0.05
Spiked Amount			Recovery	=	55.08%	
50) Toluene-d8	7.49	98	269	49.24	ug/l	-0.23
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.25	95	519	250.50	ug/l	-0.26
Spiked Amount			Recovery	=	501.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	70	19.265	ug/l #	41
3) Chloromethane	1.09	50	314	93.854	ug/l #	87
4) Vinyl Chloride	1.30	62	562	182.490	ug/l	91
5) Bromomethane	1.37	94	750	445.169	ug/l	90
6) Chloroethane	1.43	64	283	250.212	ug/l #	1
7) Trichlorofluoromethane	1.54	101	89	21.523	ug/l #	1
8) Diethyl Ether	1.71	74	811	990.010	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.93	101	174	66.084	ug/l #	1
10) Methyl Iodide	1.97	142	85	16.434	ug/l #	47
11) Tert butyl alcohol	2.68	59	554	4447.476	ug/l #	9
12) 1,1-Dichloroethene	1.85	96	1271	529.908	ug/l #	7
13) Acrolein	2.14	56	1159	8913.453	ug/l #	44
14) Allyl chloride	2.18	41	2478	1141.511	ug/l #	44
15) Acrylonitrile	3.07	53	675	1921.018	ug/l #	71
16) Acetone	2.33	43	224	457.624	ug/l #	1
17) Carbon Disulfide	1.93	76	448	63.017	ug/l #	34
18) Methyl Acetate	2.48	43	506	657.832	ug/l #	52
19) Methyl tert-butyl Ether	2.61	73	1121	261.443	ug/l	100
20) Methylene Chloride	2.35	84	338	137.762	ug/l #	16
21) trans-1,2-Dichloroethene	2.45	96	570	243.135	ug/l #	1
22) Diisopropyl ether	2.95	45	464	86.664	ug/l #	71
23) Vinyl Acetate	3.39	43	704	194.922	ug/l #	20
24) 1,1-Dichloroethane	3.06	63	520	132.392	ug/l #	37
25) 2-Butanone	4.51	43	1340	1281.339	ug/l #	50
26) 2,2-Dichloropropane	3.86	77	1110	493.926	ug/l	92
27) cis-1,2-Dichloroethene	3.65	96	714	185.153	ug/l	27
28) Bromochloromethane	3.90	49	190	86.252	ug/l #	3
29) Tetrahydrofuran	4.27	42	99	233.937	ug/l #	30
30) Chloroform	3.99	83	90	16.504	ug/l	100
31) Cyclohexane	3.91	56	548	103.911	ug/l #	27
32) 1,1,1-Trichloroethane	4.31	97	358	98.851	ug/l #	36
36) 1,1-Dichloropropene	4.39	75	481	156.993	ug/l #	1
37) Ethyl Acetate	4.22	43	931	744.225	ug/l #	21
38) Carbon Tetrachloride	4.12	117	545	236.521	ug/l #	41

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062639.D
 Acq On : 17 May 2019 15:34
 Operator : FY/SY
 Sample : K2822-03
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-3

Quant Time: May 18 01:38:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	274	74.324	ug/l	89
40) Benzene	4.71	78	656	78.594	ug/l #	73
41) Methacrylonitrile	4.80	41	2343	3572.483	ug/l #	45
42) 1,2-Dichloroethane	5.02	62	283	170.025	ug/l	71
43) Isopropyl Acetate	6.99	43	1191	734.880	ug/l #	43
44) Trichloroethene	5.57	130	66	28.134	ug/l	1
45) 1,2-Dichloropropane	6.25	63	474	224.964	ug/l	89
46) Dibromomethane	6.08	93	226	185.597	ug/l #	3
47) Bromodichloromethane	6.43	83	737	291.542	ug/l #	71
48) Methyl methacrylate	6.74	41	306	361.233	ug/l #	41
49) 1,4-Dioxane	6.73	88	83	7650.074	ug/l #	1
51) 4-Methyl-2-Pentanone	8.21	43	719	649.039	ug/l #	32
52) Toluene	7.63	92	111	25.358	ug/l #	21
53) t-1,3-Dichloropropene	8.26	75	661	319.608	ug/l #	1
54) cis-1,3-Dichloropropene	7.31	75	655	226.247	ug/l #	1
55) 1,1,2-Trichloroethane	8.48	97	326	251.527	ug/l #	61
56) Ethyl methacrylate	8.60	69	678	439.084	ug/l #	67
57) 1,3-Dichloropropane	8.79	76	483	218.788	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.33	63	70	139.272	ug/l #	1
59) 2-Hexanone	9.41	43	1345	1990.211	ug/l	97
60) Dibromochloromethane	8.80	129	320	189.437	ug/l	83
61) 1,2-Dibromoethane	9.05	107	183	132.933	ug/l	85
64) Tetrachloroethene	8.34	164	69	102.466	ug/l #	16
65) Chlorobenzene	9.96	112	65	38.934	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.07	131	216	322.288	ug/l #	42
67) Ethyl Benzene	10.01	91	424	146.194	ug/l #	42
68) m/p-Xylenes	10.29	106	264	242.192	ug/l #	1
69) o-Xylene	10.67	106	72	64.128	ug/l	56
70) Styrene	10.88	104	89	52.153	ug/l #	1
71) Bromoform	10.91	173	71	211.520	ug/l #	27
73) Isopropylbenzene	11.22	105	171	12.897	ug/l #	1
74) N-amyl acetate	11.46	43	1024	334.203	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	11.79	83	316	116.618	ug/l #	90
76) 1,2,3-Trichloropropane	11.93	75	1194	670.617	ug/l	85
77) Bromobenzene	11.41	156	182	55.221	ug/l	49
78) n-propylbenzene	11.70	91	222	14.147	ug/l #	54
79) 2-Chlorotoluene	11.83	91	190	21.485	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.83	105	378	35.554	ug/l	78
81) trans-1,4-Dichloro-2-buten	11.93	75	1194	1508.678	ug/l #	41
82) 4-Chlorotoluene	12.10	91	241	27.635	ug/l	96
83) tert-Butylbenzene	12.23	119	230	21.323	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.14	105	193	18.756	ug/l	97
85) sec-Butylbenzene	12.31	105	603	41.656	ug/l	84
86) p-Isopropyltoluene	12.64	119	1042	85.413	ug/l	86
87) 1,3-Dichlorobenzene	12.59	146	153	25.659	ug/l #	71
88) 1,4-Dichlorobenzene	12.62	146	253	45.213	ug/l #	24
89) n-Butylbenzene	12.94	91	654	54.372	ug/l #	25
90) Hexachloroethane	12.96	117	166	56.723	ug/l #	20
91) 1,2-Dichlorobenzene	13.01	146	71	13.358	ug/l #	52
92) 1,2-Dibromo-3-Chloropropan	13.70	75	659	2038.619	ug/l #	13

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051719\
Data File : VF062639.D
Acq On : 17 May 2019 15:34
Operator : FY/SY
Sample : K2822-03
Misc : 5.02g/5mL/MSVOA F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S-3

Quant Time: May 18 01:38:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	257	67.549	ug/l #	11
94) Hexachlorobutadiene	14.23	225	79	29.754	ug/l #	16
95) Naphthalene	14.50	128	505	73.062	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.64	180	329	91.293	ug/l #	83

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

