Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051719\
Data File : VF062640.D
Acq On : 17 May 2019 16:03
Operator : FY/SY
Sample : K2881-02
Misc : 6.72g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Quant Time: May 18 01:39:49 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	62	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	248	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.93	117	64	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	65	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	474	1081.89	ug/l	0.02
Spiked Amount 50.000			Recovery	= 2163.78%		
35) Dibromofluoromethane	4.35	113	276	145.44	ug/l	0.03
Spiked Amount 50.000			Recovery	= 290.88%		
50) Toluene-d8	7.72	98	278	61.36	ug/l	0.00
Spiked Amount 50.000			Recovery	= 122.72%		
62) 4-Bromofluorobenzene	11.47	95	328	190.87	ug/l	-0.03
Spiked Amount 50.000			Recovery	= 381.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	169	200.302	ug/l #	41
3) Chloromethane	1.10	50	568	731.120	ug/l	90
4) Vinyl Chloride	1.28	62	574	802.663	ug/l	97
5) Bromomethane	1.46	94	940	2402.764	ug/l	98
6) Chloroethane	1.45	64	539	2052.246	ug/l #	59
7) Trichlorofluoromethane	1.63	101	205	213.497	ug/l	93
8) Diethyl Ether	1.63	74	638	3353.970	ug/l	49
9) 1,1,2-Trichlorotrifluoroet	1.91	101	74	121.031	ug/l #	1
10) Methyl Iodide	1.97	142	82	68.273	ug/l #	1
11) Tert butyl alcohol	2.65	59	1036	35816.501	ug/l #	64
12) 1,1-Dichloroethene	1.87	96	910	1633.863	ug/l #	1
13) Acrolein	2.10	56	847	28052.110	ug/l #	25
14) Allyl chloride	2.21	41	559	1108.945	ug/l #	14
15) Acrylonitrile	3.10	53	76	931.453	ug/l #	1
16) Acetone	2.35	43	1281	11270.149	ug/l #	89
17) Carbon Disulfide	1.96	76	609	368.908	ug/l #	1
18) Methyl Acetate	2.43	43	1511	8459.578	ug/l #	52
19) Methyl tert-butyl Ether	2.55	73	1077	1081.699	ug/l #	55
20) Methylene Chloride	2.34	84	147	258.017	ug/l #	12
21) trans-1,2-Dichloroethene	2.41	96	680	1249.112	ug/l #	1
22) Diisopropyl ether	2.95	45	2056	1653.720	ug/l #	84
23) Vinyl Acetate	3.33	43	921	1098.167	ug/l #	73
24) 1,1-Dichloroethane	3.02	63	262	287.263	ug/l #	86
25) 2-Butanone	4.49	43	916	3772.022	ug/l	97
26) 2,2-Dichloropropane	3.67	77	884	1693.989	ug/l	89
27) cis-1,2-Dichloroethene	3.62	96	180	201.013	ug/l	50
28) Bromochloromethane	3.91	49	254	496.556	ug/l #	1
29) Tetrahydrofuran	4.33	42	1817	18490.026	ug/l #	30
30) Chloroform	4.04	83	316	249.546	ug/l #	16
31) Cyclohexane	3.89	56	336	274.371	ug/l #	15
32) 1,1,1-Trichloroethane	4.31	97	400	475.637	ug/l #	83
36) 1,1-Dichloropropene	4.51	75	477	187.704	ug/l #	67
37) Ethyl Acetate	4.33	43	556	535.857	ug/l #	2
38) Carbon Tetrachloride	4.19	117	282	147.551	ug/l #	43

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051719\
Data File : VF062640.D
Acq On : 17 May 2019 16:03
Operator : FY/SY
Sample : K2881-02
Misc : 6.72g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Quant Time: May 18 01:39:49 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	5.66	83	534	174.639	ug/l #	58
40) Benzene	4.84	78	415	59.945	ug/l #	55
41) Methacrylonitrile	4.92	41	626	1150.778	ug/l #	56
42) 1,2-Dichloroethane	5.17	62	148	107.203	ug/l	71
43) Isopropyl Acetate	7.12	43	679	505.119	ug/l #	43
44) Trichloroethene	5.69	130	189	97.135	ug/l	1
45) 1,2-Dichloropropane	6.38	63	677	387.385	ug/l	92
46) Dibromomethane	6.18	93	249	246.536	ug/l #	3
47) Bromodichloromethane	6.56	83	115	54.847	ug/l #	25
48) Methyl methacrylate	6.91	41	968	1377.721	ug/l #	53
49) 1,4-Dioxane	6.87	88	141	15668.454	ug/l #	17
51) 4-Methyl-2-Pentanone	8.38	43	704	766.185	ug/l	93
52) Toluene	7.64	92	357	98.327	ug/l	88
53) t-1,3-Dichloropropene	8.44	75	299	174.304	ug/l #	1
54) cis-1,3-Dichloropropene	7.41	75	642	267.359	ug/l #	1
55) 1,1,2-Trichloroethane	8.62	97	131	121.859	ug/l #	28
56) Ethyl methacrylate	8.77	69	434	338.865	ug/l #	27
57) 1,3-Dichloropropane	9.00	76	237	129.432	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.43	63	334	801.184	ug/l #	51
59) 2-Hexanone	9.71	43	1330	2376.417	ug/l	63
60) Dibromochloromethane	8.85	129	170	121.334	ug/l	96
61) 1,2-Dibromoethane	9.11	107	390	341.558	ug/l #	3
64) Tetrachloroethene	8.29	164	256	504.906	ug/l #	1
65) Chlorobenzene	9.92	112	229	182.176	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.17	131	185	366.607	ug/l	64
67) Ethyl Benzene	10.09	91	328	150.202	ug/l	92
68) m/p-Xylenes	10.25	106	242	294.856	ug/l #	39
69) o-Xylene	10.80	106	64	75.707	ug/l	62
70) Styrene	10.90	104	166	129.192	ug/l #	1
71) Bromoform	10.97	173	73	288.839	ug/l #	27
73) Isopropylbenzene	11.21	105	427	91.658	ug/l #	56
74) N-amyl acetate	11.47	43	1183	1112.730	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.81	83	319	335.063	ug/l #	83
76) 1,2,3-Trichloropropane	11.99	75	373	596.262	ug/l	74
77) Bromobenzene	11.55	156	91	78.584	ug/l #	26
78) n-propylbenzene	11.69	91	473	85.791	ug/l #	50
79) 2-Chlorotoluene	11.77	91	479	154.161	ug/l	99
80) 1,3,5-Trimethylbenzene	11.85	105	269	72.011	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.96	75	510	1834.090	ug/l #	26
82) 4-Chlorotoluene	11.94	91	433	141.316	ug/l #	37
83) tert-Butylbenzene	12.21	119	458	120.848	ug/l #	5
84) 1,2,4-Trimethylbenzene	12.34	105	225	62.232	ug/l	64
85) sec-Butylbenzene	12.37	105	60	11.797	ug/l #	54
86) p-Isopropyltoluene	12.52	119	63	14.698	ug/l #	1
87) 1,3-Dichlorobenzene	12.59	146	90	42.958	ug/l #	23
88) 1,4-Dichlorobenzene	12.66	146	61	31.027	ug/l #	24
89) n-Butylbenzene	12.89	91	308	72.880	ug/l #	61
90) Hexachloroethane	12.99	117	394	383.182	ug/l #	20
91) 1,2-Dichlorobenzene	12.96	146	293	156.892	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.71	75	416	3662.709	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
Data File : VF062640.D
Acq On : 17 May 2019 16:03
Operator : FY/SY
Sample : K2881-02
Misc : 6.72g/5mL/MSVOA F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Quant Time: May 18 01:39:49 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)
93) 1,2,4-Trichlorobenzene	14.24	180	66	49.373 ug/l #	11
94) Hexachlorobutadiene	14.27	225	88	94.331 ug/l #	16
95) Naphthalene	14.48	128	1277	525.837 ug/l #	69
96) 1,2,3-Trichlorobenzene	14.66	180	186	146.896 ug/l #	11

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051719\
Data File : VF062640.D
Acq On : 17 May 2019 16:03
Operator : FY/SY
Sample : K2881-02
Misc : 6.72g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-PS-01-047

Quant Time: May 18 01:39:49 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