

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050619\
 Data File : VF062346.D
 Acq On : 6 May 2019 20:04
 Operator : FY/SY
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Quant Time: May 07 04:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 03:35:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	315750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	446706	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	365734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	209588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	319670	90.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.72%	
35) Dibromofluoromethane	4.30	113	346856	80.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	161.46%	
50) Toluene-d8	7.71	98	865660	83.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.24%	
62) 4-Bromofluorobenzene	11.49	95	370055	85.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	331768	74.715	ug/l	95
3) Chloromethane	1.14	50	226363	64.846	ug/l	99
4) Vinyl Chloride	1.18	62	226319	66.911	ug/l	98
5) Bromomethane	1.38	94	175955	71.462	ug/l	98
6) Chloroethane	1.44	64	113126	71.738	ug/l	98
7) Trichlorofluoromethane	1.56	101	503026	84.108	ug/l	94
8) Diethyl Ether	1.71	74	71605	71.776	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.90	101	288122	79.888	ug/l	97
10) Methyl Iodide	1.98	142	465122	75.091	ug/l	99
11) Tert butyl alcohol	2.70	59	81128	417.513	ug/l	95
12) 1,1-Dichloroethene	1.86	96	226535	71.729	ug/l	97
13) Acrolein	2.09	56	51433	352.192	ug/l	92
14) Allyl chloride	2.19	41	211766	65.936	ug/l	96
15) Acrylonitrile	3.09	53	156350	319.527	ug/l	97
16) Acetone	2.35	43	290627	399.035	ug/l	97
17) Carbon Disulfide	1.91	76	513860m	65.045	ug/l	
18) Methyl Acetate	2.45	43	107452	73.407	ug/l	95
19) Methyl tert-butyl Ether	2.54	73	502319	80.660	ug/l	97
20) Methylene Chloride	2.34	84	203604m	57.658	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	225658	73.028	ug/l	95
22) Diisopropyl ether	2.93	45	676011	72.285	ug/l	96
23) Vinyl Acetate	3.34	43	1504523	359.798	ug/l	98
24) 1,1-Dichloroethane	3.01	63	412464	76.072	ug/l	99
25) 2-Butanone	4.51	43	372719	348.518	ug/l	97
26) 2,2-Dichloropropane	3.77	77	203643	71.851	ug/l	99
27) cis-1,2-Dichloroethene	3.64	96	285821	72.032	ug/l	99
28) Bromochloromethane	3.89	49	185011	77.381	ug/l	97
29) Tetrahydrofuran	4.26	42	150427	322.481	ug/l	97
30) Chloroform	4.04	83	541739	77.501	ug/l	95
31) Cyclohexane	3.87	56	308085	63.430	ug/l	99
32) 1,1,1-Trichloroethane	4.28	97	431521	84.064	ug/l #	92
36) 1,1-Dichloropropene	4.47	75	349350	70.404	ug/l	99
37) Ethyl Acetate	4.30	43	140644	67.676	ug/l #	95
38) Carbon Tetrachloride	4.17	117	393738	77.238	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050619\
 Data File : VF062346.D
 Acq On : 6 May 2019 20:04
 Operator : FY/SY
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Quant Time: May 07 04:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 03:35:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	362708	64.825	ug/l	99
40) Benzene	4.81	78	787791	68.214	ug/l	95
41) Methacrylonitrile	4.93	41	86874	75.527	ug/l	97
42) 1,2-Dichloroethane	5.13	62	336040	82.411	ug/l	99
43) Isopropyl Acetate	7.11	43	169373	75.700	ug/l #	99
44) Trichloroethene	5.68	130	284446	70.704	ug/l	97
45) 1,2-Dichloropropane	6.40	63	184799	70.054	ug/l	99
46) Dibromomethane	6.25	93	155751	78.326	ug/l	96
47) Bromodichloromethane	6.55	83	395505	82.723	ug/l	95
48) Methyl methacrylate	6.87	41	123683	78.752	ug/l	94
49) 1,4-Dioxane	6.86	88	26163	1502.593	ug/l #	88
51) 4-Methyl-2-Pentanone	8.40	43	619284	371.643	ug/l	100
52) Toluene	7.78	92	482018	70.924	ug/l	96
53) t-1,3-Dichloropropene	8.42	75	282199	79.859	ug/l	98
54) cis-1,3-Dichloropropene	7.45	75	328433	74.498	ug/l	95
55) 1,1,2-Trichloroethane	8.63	97	161827	79.716	ug/l	94
56) Ethyl methacrylate	8.75	69	175419	80.160	ug/l	95
57) 1,3-Dichloropropane	8.99	76	239000	76.780	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.44	63	242983	374.869	ug/l	97
59) 2-Hexanone	9.62	43	422463	367.336	ug/l	97
60) Dibromochloromethane	8.85	129	286149	86.152	ug/l	98
61) 1,2-Dibromoethane	9.13	107	188547	79.561	ug/l	97
64) Tetrachloroethene	8.30	164	283334	76.613	ug/l	98
65) Chlorobenzene	9.93	112	578375	72.517	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.05	131	290418	75.416	ug/l	97
67) Ethyl Benzene	10.02	91	964815	69.694	ug/l	98
68) m/p-Xylenes	10.25	106	733696	144.233	ug/l	93
69) o-Xylene	10.81	106	407619	71.585	ug/l	100
70) Styrene	10.88	104	586648	71.037	ug/l	98
71) Bromoform	10.87	173	166220	77.288	ug/l	96
73) Isopropylbenzene	11.21	105	1137244	66.950	ug/l	98
74) N-amyl acetate	11.44	43	266066	71.083	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.77	83	196356	73.302	ug/l	100
76) 1,2,3-Trichloropropane	11.87	75	148964	76.330	ug/l #	100
77) Bromobenzene	11.57	156	316151	73.610	ug/l	98
78) n-propylbenzene	11.67	91	1205217	68.133	ug/l	99
79) 2-Chlorotoluene	11.79	91	779563	71.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.89	105	1002473	70.114	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.94	75	56879m	70.648	ug/l	
82) 4-Chlorotoluene	11.97	91	769870	72.084	ug/l	100
83) tert-Butylbenzene	12.19	119	1047232	70.174	ug/l	99
84) 1,2,4-Trimethylbenzene	12.26	105	954998	68.114	ug/l	96
85) sec-Butylbenzene	12.37	105	1280664	69.701	ug/l	97
86) p-Isopropyltoluene	12.52	119	1154326	69.586	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	530621	70.207	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	540736	73.988	ug/l	99
89) n-Butylbenzene	12.89	91	1000303	67.184	ug/l	97
90) Hexachloroethane	12.97	117	313278	74.337	ug/l	100
91) 1,2-Dichlorobenzene	12.99	146	525439	71.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.68	75	44817	80.138	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050619\
Data File : VF062346.D
Acq On : 6 May 2019 20:04
Operator : FY/SY
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC100

Quant Time: May 07 04:01:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 03:35:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	455467	70.219	ug/l	98
94) Hexachlorobutadiene	14.22	225	353785	74.564	ug/l	100
95) Naphthalene	14.49	128	803175	79.470	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	475682	76.347	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050619\
Data File : VF062346.D
Acq On : 6 May 2019 20:04
Operator : FY/SY
Sample : VSTDIC100
Misc : 5.00µL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC100

Quant Time: May 07 04:01:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 03:35:09 2019
Response via : Initial Calibration

