

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062317.D
 Acq On : 29 Apr 2019 17:19
 Operator : FY/SY
 Sample : VF0429SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0429SBS01

Quant Time: Apr 30 03:55:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	370222	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.76	114	460436	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	396160	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.60	152	253758	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	157418	52.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	4.29	113	181920	53.29	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	106.58%	
50) Toluene-d8	7.70	98	425663	51.05	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.49	95	193177	56.20	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	89797	20.410	ug/l	93
3) Chloromethane	1.15	50	62161	16.771	ug/l	98
4) Vinyl Chloride	1.19	62	59141	16.848	ug/l	96
5) Bromomethane	1.38	94	46169	19.367	ug/l	88
6) Chloroethane	1.43	64	29932	19.452	ug/l #	88
7) Trichlorofluoromethane	1.55	101	111919	20.064	ug/l	85
8) Diethyl Ether	1.71	74	17368	17.187	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.90	101	67327	19.233	ug/l	97
10) Methyl Iodide	1.96	142	114436	18.702	ug/l	95
11) Tert butyl alcohol	2.69	59	16857	92.925	ug/l #	81
12) 1,1-Dichloroethene	1.86	96	56473	18.081	ug/l	87
13) Acrolein	2.09	56	13768	86.531	ug/l	97
14) Allyl chloride	2.19	41	96240	28.313	ug/l #	71
15) Acrylonitrile	3.08	53	41767	83.130	ug/l	98
16) Acetone	2.34	43	68207	101.585	ug/l	93
17) Carbon Disulfide	1.91	76	140269	17.064	ug/l	99
18) Methyl Acetate	2.45	43	26011	18.976	ug/l	97
19) Methyl tert-butyl Ether	2.54	73	120629	20.258	ug/l	100
20) Methylene Chloride	2.32	84	53530m	14.977	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	53252	17.252	ug/l	96
22) Diisopropyl ether	2.93	45	166274	18.170	ug/l	92
23) Vinyl Acetate	3.33	43	365749	90.133	ug/l	99
24) 1,1-Dichloroethane	3.00	63	104867	20.078	ug/l	97
25) 2-Butanone	4.51	43	93980	88.275	ug/l	98
26) 2,2-Dichloropropane	3.76	77	63677	23.477	ug/l	94
27) cis-1,2-Dichloroethene	3.63	96	70429	18.018	ug/l	97
28) Bromochloromethane	3.88	49	39816	18.090	ug/l #	93
29) Tetrahydrofuran	4.25	42	37498	80.159	ug/l	91
30) Chloroform	4.03	83	137459	20.959	ug/l	94
31) Cyclohexane	3.87	56	86587	17.423	ug/l	98
32) 1,1,1-Trichloroethane	4.27	97	116193	22.565	ug/l #	86
36) 1,1-Dichloropropene	4.46	75	85694	20.173	ug/l	100
37) Ethyl Acetate	4.28	43	37506	20.987	ug/l #	67
38) Carbon Tetrachloride	4.17	117	129831	30.064	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062317.D
 Acq On : 29 Apr 2019 17:19
 Operator : FY/SY
 Sample : VF0429SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0429SBS01

Quant Time: Apr 30 03:55:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	99651	20.096	ug/l	96
40) Benzene	4.80	78	213872	20.839	ug/l	97
41) Methacrylonitrile	4.93	41	19222	19.361	ug/l #	88
42) 1,2-Dichloroethane	5.12	62	75360	23.178	ug/l	100
43) Isopropyl Acetate	7.10	43	37436	20.317	ug/l #	97
44) Trichloroethene	5.67	130	78402	22.579	ug/l	95
45) 1,2-Dichloropropane	6.39	63	45620	19.715	ug/l #	83
46) Dibromomethane	6.24	93	36951	22.115	ug/l	87
47) Bromodichloromethane	6.54	83	93486	23.800	ug/l	94
48) Methyl methacrylate	6.86	41	26534	20.266	ug/l #	81
49) 1,4-Dioxane	6.85	88	5434	360.429	ug/l	96
51) 4-Methyl-2-Pentanone	8.39	43	160503	113.987	ug/l	98
52) Toluene	7.76	92	123911	20.923	ug/l	96
53) t-1,3-Dichloropropene	8.41	75	72438	25.079	ug/l	98
54) cis-1,3-Dichloropropene	7.45	75	88763	23.988	ug/l	91
55) 1,1,2-Trichloroethane	8.62	97	41159	24.471	ug/l	96
56) Ethyl methacrylate	8.74	69	42950	23.244	ug/l	91
57) 1,3-Dichloropropane	8.98	76	58724	22.206	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.44	63	63879	113.609	ug/l	99
59) 2-Hexanone	9.60	43	110083	120.739	ug/l	99
60) Dibromochloromethane	8.84	129	66679	24.426	ug/l	99
61) 1,2-Dibromoethane	9.11	107	46893	24.089	ug/l	94
64) Tetrachloroethene	8.29	164	73737	22.253	ug/l	98
65) Chlorobenzene	9.92	112	151073	20.868	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.05	131	76970	22.572	ug/l	98
67) Ethyl Benzene	10.02	91	271465	21.569	ug/l	93
68) m/p-Xylenes	10.24	106	209438	44.697	ug/l	98
69) o-Xylene	10.81	106	108534	20.732	ug/l	96
70) Styrene	10.88	104	164094	21.683	ug/l	100
71) Bromoform	10.87	173	42354	22.066	ug/l #	99
73) Isopropylbenzene	11.20	105	323729	18.620	ug/l	98
74) N-amyl acetate	11.44	43	67525	16.856	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.75	83	53574	19.395	ug/l	97
76) 1,2,3-Trichloropropane	11.85	75	37855	19.316	ug/l #	100
77) Bromobenzene	11.57	156	88701	20.408	ug/l	97
78) n-propylbenzene	11.66	91	357959	19.567	ug/l	99
79) 2-Chlorotoluene	11.78	91	226687	20.572	ug/l	100
80) 1,3,5-Trimethylbenzene	11.88	105	303493	20.678	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.93	75	22768	25.991	ug/l #	75
82) 4-Chlorotoluene	11.96	91	224180	20.560	ug/l	98
83) tert-Butylbenzene	12.19	119	312428	20.742	ug/l	100
84) 1,2,4-Trimethylbenzene	12.26	105	289440	20.361	ug/l	97
85) sec-Butylbenzene	12.35	105	380104	20.260	ug/l	99
86) p-Isopropyltoluene	12.51	119	364214	21.653	ug/l	98
87) 1,3-Dichlorobenzene	12.53	146	167087	21.729	ug/l	99
88) 1,4-Dichlorobenzene	12.61	146	155311	21.303	ug/l	98
89) n-Butylbenzene	12.89	91	316278	20.694	ug/l	97
90) Hexachloroethane	12.97	117	83143	19.719	ug/l	91
91) 1,2-Dichlorobenzene	12.99	146	144540	19.582	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.67	75	10888	19.539	ug/l	89

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042919\
Data File : VF062317.D
Acq On : 29 Apr 2019 17:19
Operator : FY/SY
Sample : VF0429SBSD01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0429SBSD01

Quant Time: Apr 30 03:55:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	141127	21.764	ug/l	100
94) Hexachlorobutadiene	14.22	225	103776	22.253	ug/l	98
95) Naphthalene	14.48	128	201693	20.077	ug/l	100
96) 1,2,3-Trichlorobenzene	14.63	180	136621	22.277	ug/l	98

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

