

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062259.D
 Acq On : 23 Apr 2019 13:01
 Operator : FY/SY
 Sample : VF0423SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

Quant Time: Apr 24 06:06:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	384863	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	537477	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	441835	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	271384	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	204587	57.97	ug/l	0.03
Spiked Amount	50.000		Recovery	=	115.94%	
35) Dibromofluoromethane	4.31	113	262201	55.77	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.54%	
50) Toluene-d8	7.71	98	655601	55.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.18%	
62) 4-Bromofluorobenzene	11.50	95	277286	60.56	ug/l	0.02
Spiked Amount	50.000		Recovery	=	121.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.00	85	124362	21.263	ug/l 94
3) Chloromethane	1.15	50	106628	17.638	ug/l 98
4) Vinyl Chloride	1.19	62	94892	18.271	ug/l 97
5) Bromomethane	1.39	94	58414	19.361	ug/l 97
6) Chloroethane	1.44	64	40293	18.558	ug/l 96
7) Trichlorofluoromethane	1.55	101	145988	22.126	ug/l 92
8) Diethyl Ether	1.71	74	27022	19.678	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	1.90	101	92838	20.596	ug/l 96
10) Methyl Iodide	1.98	142	170009	21.231	ug/l # 87
11) Tert butyl alcohol	2.71	59	24403	99.480	ug/l # 87
12) 1,1-Dichloroethene	1.87	96	81892	19.101	ug/l 90
13) Acrolein	2.11	56	10858	74.674	ug/l # 64
14) Allyl chloride	2.20	41	142449	28.952	ug/l # 94
15) Acrylonitrile	3.09	53	66235	88.651	ug/l 97
16) Acetone	2.35	43	92775	109.985	ug/l 91
17) Carbon Disulfide	1.92	76	223187	18.735	ug/l 94
18) Methyl Acetate	2.46	43	39859	18.227	ug/l 93
19) Methyl tert-butyl Ether	2.55	73	163688	21.625	ug/l 97
20) Methylene Chloride	2.33	84	100043m	20.448	ug/l
21) trans-1,2-Dichloroethene	2.43	96	84271	19.877	ug/l 92
22) Diisopropyl ether	2.94	45	246224	19.564	ug/l 97
23) Vinyl Acetate	3.35	43	578009	96.392	ug/l 100
24) 1,1-Dichloroethane	3.02	63	142865	20.751	ug/l 97
25) 2-Butanone	4.53	43	150268	89.092	ug/l 98
26) 2,2-Dichloropropane	3.78	77	77570	22.316	ug/l 95
27) cis-1,2-Dichloroethene	3.65	96	108354	19.735	ug/l 99
28) Bromochloromethane	3.91	49	64102	19.436	ug/l # 88
29) Tetrahydrofuran	4.27	42	65621	85.954	ug/l 92
30) Chloroform	4.06	83	170517	20.153	ug/l 100
31) Cyclohexane	3.89	56	144378	17.499	ug/l 96
32) 1,1,1-Trichloroethane	4.30	97	144716	23.366	ug/l # 88
36) 1,1-Dichloropropene	4.48	75	128586	19.954	ug/l 99
37) Ethyl Acetate	4.31	43	57422	18.884	ug/l # 97
38) Carbon Tetrachloride	4.20	117	131783m	23.104	ug/l

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062259.D
 Acq On : 23 Apr 2019 13:01
 Operator : FY/SY
 Sample : VF0423SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

Quant Time: Apr 24 06:06:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	156356	20.265	ug/l	98
40) Benzene	4.83	78	328298	19.423	ug/l	100
41) Methacrylonitrile	4.94	41	33732	19.231	ug/l	91
42) 1,2-Dichloroethane	5.14	62	94496	21.148	ug/l	100
43) Isopropyl Acetate	7.12	43	60318	18.860	ug/l #	99
44) Trichloroethene	5.69	130	108805	23.822	ug/l	95
45) 1,2-Dichloropropane	6.41	63	76449	20.533	ug/l	96
46) Dibromomethane	6.27	93	55653	22.467	ug/l	95
47) Bromodichloromethane	6.56	83	127164	22.749	ug/l	95
48) Methyl methacrylate	6.89	41	40447	19.244	ug/l	94
49) 1,4-Dioxane	6.88	88	10343	429.090	ug/l	93
51) 4-Methyl-2-Pentanone	8.41	43	246686	103.703	ug/l	98
52) Toluene	7.78	92	189839	21.307	ug/l	95
53) t-1,3-Dichloropropene	8.43	75	97803	23.295	ug/l	96
54) cis-1,3-Dichloropropene	7.47	75	125094	22.027	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	56182	22.509	ug/l	93
56) Ethyl methacrylate	8.76	69	62050	21.866	ug/l	96
57) 1,3-Dichloropropane	9.01	76	85538	21.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.46	63	83599	101.467	ug/l	94
59) 2-Hexanone	9.63	43	160891	108.539	ug/l	98
60) Dibromochloromethane	8.87	129	89024	23.983	ug/l	99
61) 1,2-Dibromoethane	9.13	107	65042	23.130	ug/l	98
64) Tetrachloroethene	8.32	164	93086	23.339	ug/l	97
65) Chlorobenzene	9.94	112	206687	21.939	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	98601	22.349	ug/l	99
67) Ethyl Benzene	10.04	91	370969	21.654	ug/l	96
68) m/p-Xylenes	10.27	106	287138	45.531	ug/l	100
69) o-Xylene	10.82	106	156104	22.295	ug/l	99
70) Styrene	10.90	104	226335	22.906	ug/l	99
71) Bromoform	10.88	173	57071	24.500	ug/l #	99
73) Isopropylbenzene	11.22	105	469587	20.144	ug/l	99
74) N-amyl acetate	11.45	43	99135	16.449	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.78	83	75872	18.925	ug/l	99
76) 1,2,3-Trichloropropane	11.87	75	51433	18.647	ug/l #	1
77) Bromobenzene	11.59	156	111765	22.380	ug/l	90
78) n-propylbenzene	11.68	91	489474	19.904	ug/l	100
79) 2-Chlorotoluene	11.81	91	295917	19.837	ug/l	96
80) 1,3,5-Trimethylbenzene	11.90	105	399191	20.560	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.94	75	25630m	18.220	ug/l	
82) 4-Chlorotoluene	11.97	91	292780	20.308	ug/l	99
83) tert-Butylbenzene	12.20	119	406204	20.231	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	379064	20.175	ug/l	98
85) sec-Butylbenzene	12.38	105	523679	20.089	ug/l	100
86) p-Isopropyltoluene	12.53	119	461641	20.877	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	203175	21.924	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	196161	21.945	ug/l	97
89) n-Butylbenzene	12.90	91	435398	20.924	ug/l	97
90) Hexachloroethane	12.98	117	112891	19.881	ug/l	90
91) 1,2-Dichlorobenzene	13.00	146	196334	21.941	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.69	75	14339	18.204	ug/l	88

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
Data File : VF062259.D
Acq On : 23 Apr 2019 13:01
Operator : FY/SY
Sample : VF0423SBS01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBS01

Quant Time: Apr 24 06:06:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	168451	22.499	ug/l	97
94) Hexachlorobutadiene	14.23	225	118593	23.101	ug/l	98
95) Naphthalene	14.50	128	253614	19.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	163190	22.704	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062259.D
 Acq On : 23 Apr 2019 13:01
 Operator : FY/SY
 Sample : VF0423SBS01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0423SBS01

Quant Time: Apr 24 06:06:00 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

