

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061299.D
 Acq On : 9 Jan 2019 14:16
 Operator : VA/AP
 Sample : VF0109SBS02
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0109SBS02

Quant Time: Jan 10 06:38:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	232447	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	389538	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	355276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	178592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.87	65	130087	50.28	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	4.14	113	149148	50.04	ug/l	0.03
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	7.57	98	409847	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.42	95	180537	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	77622	18.103	ug/l	97
3) Chloromethane	1.09	50	72011	18.847	ug/l	97
4) Vinyl Chloride	1.14	62	61914	18.143	ug/l	97
5) Bromomethane	1.31	94	38558	15.427	ug/l	100
6) Chloroethane	1.39	64	28830	17.300	ug/l	98
7) Trichlorofluoromethane	1.48	101	102597	17.735	ug/l	99
8) Diethyl Ether	1.64	74	16394	19.298	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	1.83	101	53182	17.410	ug/l	91
10) Methyl Iodide	1.91	142	84429m	17.642	ug/l	
11) Tert butyl alcohol	2.58	59	10484	101.207	ug/l #	86
12) 1,1-Dichloroethene	1.80	96	43803	17.932	ug/l	92
13) Acrolein	2.01	56	10617	79.825	ug/l	89
14) Allyl chloride	2.11	41	77888	17.445	ug/l	97
15) Acrylonitrile	2.96	53	35685	97.175	ug/l	95
16) Acetone	2.25	43	65046	108.074	ug/l	97
17) Carbon Disulfide	1.81	76	134948	16.726	ug/l	97
18) Methyl Acetate	2.35	43	24770m	20.918	ug/l	
19) Methyl tert-butyl Ether	2.44	73	80176	17.225	ug/l	97
20) Methylene Chloride	2.19	84	55859m	21.938	ug/l	
21) trans-1,2-Dichloroethene	2.33	96	45980	17.764	ug/l	98
22) Diisopropyl ether	2.82	45	158495	18.349	ug/l	95
23) Vinyl Acetate	3.20	43	304596	120.579	ug/l	100
24) 1,1-Dichloroethane	2.89	63	88586	17.729	ug/l	99
25) 2-Butanone	4.36	43	111586	115.192	ug/l	98
26) 2,2-Dichloropropane	3.63	77	54215	16.237	ug/l	98
27) cis-1,2-Dichloroethene	3.49	96	69154	19.136	ug/l	91
28) Bromochloromethane	3.74	49	42722	19.392	ug/l	97
29) Tetrahydrofuran	4.10	42	45066	111.269	ug/l	96
30) Chloroform	3.88	83	123895	19.533	ug/l	97
31) Cyclohexane	3.72	56	105693	20.163	ug/l	93
32) 1,1,1-Trichloroethane	4.11	97	84991	16.589	ug/l	97
36) 1,1-Dichloropropene	4.31	75	95519	20.999	ug/l	97
37) Ethyl Acetate	4.14	43	38385	23.172	ug/l #	47
38) Carbon Tetrachloride	4.01	117	78502	18.221	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061299.D
 Acq On : 9 Jan 2019 14:16
 Operator : VA/AP
 Sample : VF0109SBS02
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0109SBS02

Quant Time: Jan 10 06:38:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.48	83	107521	18.891	ug/l	98
40) Benzene	4.66	78	221459	20.853	ug/l	100
41) Methacrylonitrile	4.77	41	21043	22.748	ug/l	94
42) 1,2-Dichloroethane	4.97	62	68584	20.743	ug/l	97
43) Isopropyl Acetate	6.98	43	51033	23.335	ug/l #	99
44) Trichloroethene	5.52	130	68324	21.983	ug/l	92
45) 1,2-Dichloropropane	6.25	63	54295	20.104	ug/l	99
46) Dibromomethane	6.11	93	35322	21.302	ug/l	94
47) Bromodichloromethane	6.41	83	85273	20.678	ug/l	99
48) Methyl methacrylate	6.73	41	30339	21.372	ug/l #	84
49) 1,4-Dioxane	6.73	88	5190	579.416	ug/l #	87
51) 4-Methyl-2-Pentanone	8.27	43	184505	111.771	ug/l	99
52) Toluene	7.64	92	130400	19.103	ug/l	99
53) t-1,3-Dichloropropene	8.30	75	69843	21.566	ug/l	99
54) cis-1,3-Dichloropropene	7.32	75	91053	21.204	ug/l	98
55) 1,1,2-Trichloroethane	8.51	97	38609	20.213	ug/l	95
56) Ethyl methacrylate	8.64	69	44745	20.959	ug/l	98
57) 1,3-Dichloropropane	8.88	76	69910	20.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.32	63	11421	125.539	ug/l #	82
59) 2-Hexanone	9.52	43	132660	113.436	ug/l	97
60) Dibromochloromethane	8.74	129	51380	20.200	ug/l	99
61) 1,2-Dibromoethane	9.00	107	40336	20.716	ug/l	96
64) Tetrachloroethene	8.17	164	55131	21.313	ug/l	99
65) Chlorobenzene	9.82	112	143721	20.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.95	131	60114	20.535	ug/l	95
67) Ethyl Benzene	9.92	91	280382	20.270	ug/l	94
68) m/p-Xylenes	10.15	106	196305	40.684	ug/l	99
69) o-Xylene	10.73	106	112205	20.817	ug/l	94
70) Styrene	10.81	104	150635	20.979	ug/l	97
71) Bromoform	10.79	173	25587	21.387	ug/l	99
73) Isopropylbenzene	11.14	105	324435	20.645	ug/l	98
74) N-amyl acetate	11.39	43	78629	22.011	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.71	83	46238	18.557	ug/l	99
76) 1,2,3-Trichloropropane	11.80	75	37734	20.648	ug/l	96
77) Bromobenzene	11.51	156	64940	20.771	ug/l	89
78) n-propylbenzene	11.61	91	378014	20.175	ug/l	98
79) 2-Chlorotoluene	11.74	91	236644	22.668	ug/l	96
80) 1,3,5-Trimethylbenzene	11.83	105	266725	21.330	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.88	75	16922m	21.189	ug/l	
82) 4-Chlorotoluene	11.91	91	219252	20.669	ug/l	96
83) tert-Butylbenzene	12.14	119	267784	21.494	ug/l	99
84) 1,2,4-Trimethylbenzene	12.22	105	255495	20.580	ug/l	98
85) sec-Butylbenzene	12.32	105	364395	20.542	ug/l	98
86) p-Isopropyltoluene	12.48	119	294106	20.384	ug/l	98
87) 1,3-Dichlorobenzene	12.49	146	126631	20.740	ug/l	95
88) 1,4-Dichlorobenzene	12.57	146	119760	20.403	ug/l	98
89) n-Butylbenzene	12.86	91	317189	21.396	ug/l	97
90) Hexachloroethane	12.93	117	68090	20.630	ug/l	93
91) 1,2-Dichlorobenzene	12.96	146	122920	21.093	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.66	75	9334	22.171	ug/l	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061299.D
Acq On : 9 Jan 2019 14:16
Operator : VA/AP
Sample : VF0109SBSD02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0109SBSD02

Quant Time: Jan 10 06:38:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	83949	20.933	ug/l	98
94) Hexachlorobutadiene	14.20	225	50764	19.663	ug/l	97
95) Naphthalene	14.47	128	152018	20.115	ug/l	99
96) 1,2,3-Trichlorobenzene	14.62	180	76130	20.153	ug/l	97

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

