

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061940.D
 Acq On : 14 Mar 2019 15:57
 Operator : VA/AP
 Sample : VF0314SBSD01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0314SBSD01

Quant Time: Mar 15 01:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	281011	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	442220	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	373978	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	198273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	111982	54.72	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	4.11	113	161929	52.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	7.55	98	450347	49.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.41	95	186498	51.90	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	77884	22.575	ug/l	92
3) Chloromethane	1.10	50	79597	23.806	ug/l	99
4) Vinyl Chloride	1.14	62	71916	22.658	ug/l	98
5) Bromomethane	1.33	94	50867	23.516	ug/l	98
6) Chloroethane	1.40	64	37455	24.825	ug/l	100
7) Trichlorofluoromethane	1.48	101	91017	23.479	ug/l	97
8) Diethyl Ether	1.63	74	19932	22.611	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.83	101	65050	24.710	ug/l	97
10) Methyl Iodide	1.90	142	117827m	23.520	ug/l	
11) Tert butyl alcohol	2.57	59	12108	104.240	ug/l #	93
12) 1,1-Dichloroethene	1.79	96	54330	22.606	ug/l	97
13) Acrolein	2.00	56	15016	102.024	ug/l	92
14) Allyl chloride	2.10	41	67978	25.675	ug/l	96
15) Acrylonitrile	2.95	53	44347	119.900	ug/l	98
16) Acetone	2.24	43	51817	120.878	ug/l	100
17) Carbon Disulfide	1.82	76	166712	22.285	ug/l	98
18) Methyl Acetate	2.34	43	27039m	33.006	ug/l	
19) Methyl tert-butyl Ether	2.43	73	94554	23.257	ug/l	98
20) Methylene Chloride	2.18	84	63571m	23.955	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	59352	26.240	ug/l	89
22) Diisopropyl ether	2.80	45	167813	24.366	ug/l	97
23) Vinyl Acetate	3.18	43	371072	120.604	ug/l	100
24) 1,1-Dichloroethane	2.87	63	99998	24.292	ug/l	99
25) 2-Butanone	4.34	43	109305	125.356	ug/l	94
26) 2,2-Dichloropropane	3.60	77	46417	25.258	ug/l	98
27) cis-1,2-Dichloroethene	3.48	96	72944	23.277	ug/l	92
28) Bromochloromethane	3.71	49	41360	23.049	ug/l #	93
29) Tetrahydrofuran	4.07	42	45132	120.016	ug/l	97
30) Chloroform	3.85	83	110454	23.491	ug/l	96
31) Cyclohexane	3.68	56	99283m	23.026	ug/l	
32) 1,1,1-Trichloroethane	4.09	97	73637	25.407	ug/l	98
36) 1,1-Dichloropropene	4.28	75	92064	22.039	ug/l	96
37) Ethyl Acetate	4.11	43	36480	20.806	ug/l #	94
38) Carbon Tetrachloride	3.99	117	68516	23.170	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061940.D
 Acq On : 14 Mar 2019 15:57
 Operator : VA/AP
 Sample : VF0314SBSD01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0314SBSD01

Quant Time: Mar 15 01:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	106275	21.539	ug/l	94
40) Benzene	4.63	78	236523	21.662	ug/l	99
41) Methacrylonitrile	4.74	41	19989	20.808	ug/l #	90
42) 1,2-Dichloroethane	4.94	62	55749	20.488	ug/l	96
43) Isopropyl Acetate	6.96	43	43193	19.985	ug/l	94
44) Trichloroethene	5.50	130	73909	21.781	ug/l	97
45) 1,2-Dichloropropane	6.23	63	55489	21.371	ug/l	91
46) Dibromomethane	6.08	93	33784	20.674	ug/l	91
47) Bromodichloromethane	6.38	83	75885	21.020	ug/l #	93
48) Methyl methacrylate	6.71	41	27890	20.390	ug/l	93
49) 1,4-Dioxane	6.70	88	5136	410.752	ug/l	93
51) 4-Methyl-2-Pentanone	8.25	43	159500	106.779	ug/l	94
52) Toluene	7.62	92	135976	21.051	ug/l	99
53) t-1,3-Dichloropropene	8.27	75	61907	20.774	ug/l	97
54) cis-1,3-Dichloropropene	7.29	75	87483	21.284	ug/l	98
55) 1,1,2-Trichloroethane	8.49	97	39674	21.317	ug/l	98
56) Ethyl methacrylate	8.62	69	43387	20.686	ug/l	98
57) 1,3-Dichloropropane	8.85	76	64871	21.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.29	63	40782	122.912	ug/l	97
59) 2-Hexanone	9.48	43	127819	118.614	ug/l	99
60) Dibromochloromethane	8.71	129	55486	20.918	ug/l	98
61) 1,2-Dibromoethane	8.98	107	41288	20.174	ug/l	98
64) Tetrachloroethene	8.15	164	63055	21.943	ug/l	94
65) Chlorobenzene	9.79	112	155545	21.649	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.93	131	57898	20.798	ug/l	98
67) Ethyl Benzene	9.90	91	263049	22.089	ug/l	98
68) m/p-Xylenes	10.12	106	203021	44.502	ug/l	99
69) o-Xylene	10.71	106	104636	21.300	ug/l	99
70) Styrene	10.78	104	155214	22.451	ug/l	98
71) Bromoform	10.76	173	30547	20.762	ug/l #	89
73) Isopropylbenzene	11.12	105	305120	22.353	ug/l	98
74) N-amyl acetate	11.37	43	74273	23.635	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.69	83	49647	21.884	ug/l	94
76) 1,2,3-Trichloropropane	11.79	75	32707	21.123	ug/l	96
77) Bromobenzene	11.48	156	72198	21.977	ug/l	98
78) n-propylbenzene	11.59	91	360886	23.412	ug/l	98
79) 2-Chlorotoluene	11.71	91	205489	23.317	ug/l	92
80) 1,3,5-Trimethylbenzene	11.82	105	248234	22.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.86	75	15537m	21.944	ug/l	
82) 4-Chlorotoluene	11.89	91	206025	22.855	ug/l	99
83) tert-Butylbenzene	12.13	119	273280	23.484	ug/l	93
84) 1,2,4-Trimethylbenzene	12.19	105	239431	22.286	ug/l	95
85) sec-Butylbenzene	12.30	105	337692	22.299	ug/l	97
86) p-Isopropyltoluene	12.45	119	293891	22.831	ug/l	99
87) 1,3-Dichlorobenzene	12.47	146	140458	22.517	ug/l	98
88) 1,4-Dichlorobenzene	12.56	146	132783	22.067	ug/l	99
89) n-Butylbenzene	12.84	91	290988	23.654	ug/l	95
90) Hexachloroethane	12.91	117	67479	21.779	ug/l	86
91) 1,2-Dichlorobenzene	12.93	146	128670	21.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.63	75	7421	21.185	ug/l	81

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031419\
Data File : VF061940.D
Acq On : 14 Mar 2019 15:57
Operator : VA/AP
Sample : VF0314SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0314SBSD01

Quant Time: Mar 15 01:45:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	93847	22.650	ug/l	97
94) Hexachlorobutadiene	14.19	225	60032	20.930	ug/l	98
95) Naphthalene	14.45	128	158153	21.431	ug/l	100
96) 1,2,3-Trichlorobenzene	14.60	180	82590	21.589	ug/l	96

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

