

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062727.D
 Acq On : 23 May 2019 15:24
 Operator : FY/SY
 Sample : K2976-12
 Misc : 5.27g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-SB-MW-ER(17-20)

Quant Time: May 24 02:14:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	423	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.82	114	452	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.98	117	439	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	12.53	152	453	50.00	ug/l	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	224	74.94	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	149.88%	
35) Dibromofluoromethane	4.33	113	80	23.13	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	46.26%	
50) Toluene-d8	7.67	98	150	18.16	ug/l	-0.05
Spiked Amount				50.000		
			Recovery	=	36.32%	
62) 4-Bromofluorobenzene	11.53	95	714	227.97	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	455.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.02	85	61	10.597	ug/l #	1
3) Chloromethane	1.26	50	446	84.145	ug/l	97
4) Vinyl Chloride	1.05	62	335	68.662	ug/l	92
5) Bromomethane	1.43	94	644	241.280	ug/l #	76
6) Chloroethane	1.45	64	274	152.912	ug/l #	45
7) Trichlorofluoromethane	1.54	101	60	9.159	ug/l #	1
8) Diethyl Ether	1.70	74	359	276.620	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	1.91	101	247	59.213	ug/l #	19
10) Methyl Iodide	1.96	142	195	23.797	ug/l #	37
11) Tert butyl alcohol	2.73	59	343	1738.076	ug/l #	1
12) 1,1-Dichloroethene	1.89	96	734	193.162	ug/l #	1
13) Acrolein	2.17	56	662	3213.597	ug/l #	57
14) Allyl chloride	2.23	41	558	162.250	ug/l #	31
15) Acrylonitrile	3.21	53	803	1442.494	ug/l	90
16) Acetone	2.36	43	719	927.173	ug/l	90
17) Carbon Disulfide	1.93	76	717	63.661	ug/l #	15
18) Methyl Acetate	2.50	43	422	346.296	ug/l	94
19) Methyl tert-butyl Ether	2.62	73	1056	155.455	ug/l	97
20) Methylene Chloride	2.34	84	299	76.923	ug/l #	29
21) trans-1,2-Dichloroethene	2.44	96	1511	406.826	ug/l #	6
22) Diisopropyl ether	2.97	45	399	47.040	ug/l #	1
23) Vinyl Acetate	3.37	43	641	112.026	ug/l #	73
24) 1,1-Dichloroethane	3.06	63	332	53.354	ug/l #	1
25) 2-Butanone	4.46	43	1113	671.777	ug/l	99
26) 2,2-Dichloropropane	3.66	77	1165	327.217	ug/l	82
27) cis-1,2-Dichloroethene	3.60	96	820	134.220	ug/l	1
28) Bromochloromethane	3.79	49	149	42.695	ug/l	90
29) Tetrahydrofuran	4.08	42	529	789.023	ug/l	99
30) Chloroform	4.15	83	234	27.085	ug/l	90
31) Cyclohexane	3.88	56	315	37.702	ug/l #	6
32) 1,1,1-Trichloroethane	4.32	97	210	36.600	ug/l #	1
36) 1,1-Dichloropropene	4.52	75	902	194.749	ug/l #	64
37) Ethyl Acetate	4.35	43	1100	581.675	ug/l #	30
38) Carbon Tetrachloride	4.24	117	93	26.699	ug/l #	71

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062727.D
 Acq On : 23 May 2019 15:24
 Operator : FY/SY
 Sample : K2976-12
 Misc : 5.27g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-SB-MW-ER(17-20)

Quant Time: May 24 02:14:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	108	19.379	ug/l	94
40) Benzene	4.78	78	1018	80.680	ug/l	98
41) Methacrylonitrile	4.95	41	1691	1705.588	ug/l #	63
42) 1,2-Dichloroethane	5.21	62	248	98.562	ug/l	71
43) Isopropyl Acetate	7.17	43	349	142.450	ug/l #	73
44) Trichloroethene	5.73	130	98	27.635	ug/l	84
45) 1,2-Dichloropropane	6.47	63	83	26.058	ug/l #	1
46) Dibromomethane	6.30	93	216	117.341	ug/l #	3
47) Bromodichloromethane	6.58	83	238	62.279	ug/l #	84
48) Methyl methacrylate	6.93	41	676	527.893	ug/l #	49
49) 1,4-Dioxane	6.96	88	67	4085.028	ug/l #	1
51) 4-Methyl-2-Pentanone	8.47	43	965	576.238	ug/l	91
52) Toluene	7.85	92	428	64.679	ug/l #	1
53) t-1,3-Dichloropropene	8.50	75	299	95.636	ug/l #	1
54) cis-1,3-Dichloropropene	7.53	75	255	58.266	ug/l #	1
55) 1,1,2-Trichloroethane	8.69	97	777	396.570	ug/l #	62
56) Ethyl methacrylate	8.83	69	694	297.310	ug/l #	17
57) 1,3-Dichloropropane	9.06	76	161	48.243	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.50	63	131	172.413	ug/l #	51
59) 2-Hexanone	9.66	43	516	490.756	ug/l	98
60) Dibromochloromethane	8.91	129	266	104.167	ug/l #	12
61) 1,2-Dibromoethane	9.22	107	84	40.364	ug/l #	3
64) Tetrachloroethene	8.30	164	63	18.115	ug/l #	1
65) Chlorobenzene	9.92	112	137	15.889	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.07	131	118	34.090	ug/l	90
67) Ethyl Benzene	10.04	91	799	53.342	ug/l #	42
68) m/p-Xylenes	10.43	106	86	15.276	ug/l	91
69) o-Xylene	10.78	106	222	38.285	ug/l	55
70) Styrene	10.87	104	191	21.671	ug/l #	1
71) Bromoform	10.86	173	346	199.583	ug/l #	27
73) Isopropylbenzene	11.34	105	393	12.105	ug/l	96
74) N-amyl acetate	11.47	43	1181	154.210	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.82	83	952	143.479	ug/l #	85
76) 1,2,3-Trichloropropane	11.89	75	148	33.947	ug/l #	1
77) Bromobenzene	11.58	156	587	72.735	ug/l #	10
78) n-propylbenzene	11.68	91	1457	37.919	ug/l #	50
79) 2-Chlorotoluene	11.89	91	428	19.765	ug/l	85
80) 1,3,5-Trimethylbenzene	11.89	105	2511	96.452	ug/l	70
81) trans-1,4-Dichloro-2-buten	11.93	75	224	115.588	ug/l #	20
82) 4-Chlorotoluene	11.89	91	428	20.043	ug/l	88
83) tert-Butylbenzene	12.15	119	881	33.355	ug/l	80
84) 1,2,4-Trimethylbenzene	12.27	105	5025	199.427	ug/l	91
85) sec-Butylbenzene	12.37	105	3266	92.140	ug/l	96
86) p-Isopropyltoluene	12.51	119	1270	42.514	ug/l #	68
87) 1,3-Dichlorobenzene	12.57	146	237	16.232	ug/l #	48
88) 1,4-Dichlorobenzene	12.61	146	111	8.101	ug/l #	2
89) n-Butylbenzene	12.88	91	694	23.563	ug/l #	24
90) Hexachloroethane	12.98	117	568	79.263	ug/l #	20
91) 1,2-Dichlorobenzene	13.01	146	218	16.750	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.66	75	697	880.556	ug/l #	1

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052319\
Data File : VF062727.D
Acq On : 23 May 2019 15:24
Operator : FY/SY
Sample : K2976-12
Misc : 5.27g/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-SB-MW-ER(17-20)

Quant Time: May 24 02:14:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.22	180	61	6.548	ug/l #	11
94) Hexachlorobutadiene	14.25	225	105	16.150	ug/l #	16
95) Naphthalene	14.52	128	399	23.575	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.64	180	67	7.593	ug/l #	80

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

