

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062326.D
 Acq On : 29 Apr 2019 21:28
 Operator : FY/SY
 Sample : K2194-11RE
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-042919-FRE

Quant Time: Apr 30 03:51:08 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	5.06	168	1171	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	466	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.91	117	82	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.65	152	86	50.00	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	73	7.70	ug/l	0.24
Spiked Amount	50.000		Recovery	=	15.40%	
35) Dibromofluoromethane	4.28	113	231	66.86	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	133.72%	
50) Toluene-d8	7.70	98	503	59.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	119.20%	
62) 4-Bromofluorobenzene	11.44	95	382	109.81	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	219.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	65	4.671	ug/l #	40
3) Chloromethane	1.17	50	78	6.653	ug/l #	44
4) Vinyl Chloride	1.19	62	73	6.575	ug/l #	44
5) Bromomethane	1.43	94	88	11.671	ug/l #	6
6) Chloroethane	1.48	64	135	27.737	ug/l #	42
7) Trichlorofluoromethane	1.52	101	73	4.138	ug/l #	15
8) Diethyl Ether	1.76	74	137	42.863	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	1.85	101	62	5.600	ug/l #	11
10) Methyl Iodide	1.99	142	62	3.204	ug/l #	1
11) Tert butyl alcohol	2.69	59	69	120.256	ug/l #	1
12) 1,1-Dichloroethene	1.84	96	65	6.580	ug/l #	1
13) Acrolein	2.12	56	209	383.948	ug/l #	10
14) Allyl chloride	2.23	41	246	22.880	ug/l #	24
15) Acrylonitrile	3.09	53	76	47.824	ug/l #	68
16) Acetone	2.37	43	900	423.787	ug/l #	56
17) Carbon Disulfide	1.93	76	145	5.577	ug/l #	1
18) Methyl Acetate	2.50	43	619	163.545	ug/l #	59
19) Methyl tert-butyl Ether	2.56	73	482	25.592	ug/l #	57
20) Methylene Chloride	2.29	84	71	2.855	ug/l #	2
21) trans-1,2-Dichloroethene	2.46	96	149	15.262	ug/l #	1
22) Diisopropyl ether	2.97	45	102	3.524	ug/l #	18
23) Vinyl Acetate	3.34	43	480	37.398	ug/l #	78
24) 1,1-Dichloroethane	3.11	63	134	8.111	ug/l #	89
25) 2-Butanone	4.50	43	77	22.866	ug/l #	57
26) 2,2-Dichloropropane	3.80	77	212	24.712	ug/l #	56
27) cis-1,2-Dichloroethene	3.64	96	144	11.647	ug/l #	1
28) Bromochloromethane	3.95	49	102	14.652	ug/l #	2
29) Tetrahydrofuran	4.25	42	114	77.047	ug/l #	52
30) Chloroform	3.95	83	69	3.326	ug/l #	18
31) Cyclohexane	3.88	56	163	10.369	ug/l #	16
32) 1,1,1-Trichloroethane	4.22	97	96	5.894	ug/l #	30
36) 1,1-Dichloropropene	4.48	75	68	15.817	ug/l #	1
37) Ethyl Acetate	4.28	43	550	304.087	ug/l #	26
38) Carbon Tetrachloride	4.07	117	64	14.643	ug/l #	12

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062326.D
 Acq On : 29 Apr 2019 21:28
 Operator : FY/SY
 Sample : K2194-11RE
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-042919-FRE

Quant Time: Apr 30 03:51:08 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	5.60	83	66	13.151	ug/l #	15
40) Benzene	4.79	78	70	6.739	ug/l #	1
41) Methacrylonitrile	4.90	41	190	189.091	ug/l #	1
42) 1,2-Dichloroethane	5.15	62	77	23.399	ug/l #	76
43) Isopropyl Acetate	7.11	43	446	241.447	ug/l #	70
44) Trichloroethene	5.61	130	79	22.479	ug/l	3
45) 1,2-Dichloropropane	6.31	63	61	26.047	ug/l #	45
46) Dibromomethane	6.41	93	279	164.984	ug/l #	11
48) Methyl methacrylate	6.80	41	239	180.362	ug/l #	17
49) 1,4-Dioxane	6.85	88	73	4784.166	ug/l #	1
51) 4-Methyl-2-Pentanone	8.36	43	778	545.928	ug/l #	38
52) Toluene	7.85	92	63	10.511	ug/l #	1
53) t-1,3-Dichloropropene	8.29	75	94	32.155	ug/l #	41
54) cis-1,3-Dichloropropene	7.39	75	132	35.247	ug/l #	7
55) 1,1,2-Trichloroethane	8.55	97	60	35.247	ug/l #	14
56) Ethyl methacrylate	8.71	69	99	52.937	ug/l #	1
57) 1,3-Dichloropropane	8.96	76	68	25.406	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.42	63	71	124.766	ug/l #	44
59) 2-Hexanone	9.58	43	427	505.360	ug/l	96
60) Dibromochloromethane	8.82	129	79	28.594	ug/l	98
65) Chlorobenzene	9.80	112	67	44.713	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.17	131	153	216.772	ug/l #	62
67) Ethyl Benzene	10.02	91	161	61.803	ug/l #	43
69) o-Xylene	10.69	106	62	57.218	ug/l #	1
70) Styrene	10.89	104	74	47.241	ug/l #	30
71) Bromoform	11.01	173	60	151.022	ug/l #	27
73) Isopropylbenzene	11.23	105	67	11.371	ug/l #	50
74) N-amyl acetate	11.49	43	881	648.922	ug/l #	58
75) 1,1,1,2-Tetrachloroethane	11.85	83	70	74.776	ug/l #	23
76) 1,2,3-Trichloropropane	11.85	75	72	108.404	ug/l #	100
78) n-propylbenzene	11.68	91	70	11.290	ug/l #	1
79) 2-Chlorotoluene	11.79	91	231	61.856	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	62	12.464	ug/l #	26
81) trans-1,4-Dichloro-2-buten	11.90	75	108	363.777	ug/l #	94
82) 4-Chlorotoluene	11.94	91	79	21.379	ug/l #	29
83) tert-Butylbenzene	12.19	119	62	12.145	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.28	105	59	12.247	ug/l #	29
85) sec-Butylbenzene	12.38	105	72	11.324	ug/l #	56
86) p-Isopropyltoluene	12.54	119	190	33.331	ug/l #	50
89) n-Butylbenzene	12.88	91	181	34.945	ug/l #	28
90) Hexachloroethane	13.01	117	67	46.888	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.68	75	169	894.888	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.39	180	62	28.212	ug/l #	1
95) Naphthalene	14.49	128	60	17.623	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.39	180	62	29.830	ug/l #	1

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

