

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059412.D
 Acq On : 3 Jul 2018 15:17
 Operator : VA/AP
 Sample : J3774-09RE
 Misc : 5.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3(4-6)

Quant Time: Jul 04 00:11:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	78	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	187	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	1479	1467.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2935.26%	
35) Dibromofluoromethane	4.26	113	175	93.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	187.12%	
50) Toluene-d8	7.68	98	195	42.11	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.22%	
62) 4-Bromofluorobenzene	11.48	95	290	111.01	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	222.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	111	155.759	ug/l #	40
3) Chloromethane	1.09	50	468	977.525	ug/l #	41
4) Vinyl Chloride	1.12	62	83	176.125	ug/l #	42
5) Bromomethane	1.31	94	536	932.909	ug/l #	39
6) Chloroethane	1.39	64	67	282.276	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	1.97	101	83	152.585	ug/l #	18
11) Tert butyl alcohol	2.69	59	66	983.761	ug/l #	66
12) 1,1-Dichloroethene	1.83	96	130	282.696	ug/l #	1
13) Acrolein	2.04	56	71	2384.523	ug/l #	10
14) Allyl chloride	2.20	41	197	228.212	ug/l #	1
15) Acrylonitrile	3.15	53	63	533.250	ug/l #	9
16) Acetone	2.34	43	111	449.158	ug/l #	65
17) Carbon Disulfide	1.82	76	69	63.787	ug/l #	71
18) Methyl Acetate	2.39	43	127	284.675	ug/l #	61
19) Methyl tert-butyl Ether	2.60	73	198	115.434	ug/l #	63
20) Methylene Chloride	2.27	84	332	680.654	ug/l #	42
21) trans-1,2-Dichloroethene	2.37	96	72	146.775	ug/l #	1
22) Diisopropyl ether	2.89	45	83	43.420	ug/l #	37
23) Vinyl Acetate	3.33	43	214	175.785	ug/l #	79
24) 1,1-Dichloroethane	2.99	63	81	68.344	ug/l #	90
25) 2-Butanone	4.50	43	379	1254.252	ug/l #	59
26) 2,2-Dichloropropane	3.74	77	206	252.003	ug/l #	62
27) cis-1,2-Dichloroethene	3.61	96	60	80.560	ug/l #	1
28) Bromochloromethane	3.78	49	106	249.858	ug/l #	6
29) Tetrahydrofuran	4.10	42	82	646.691	ug/l #	36
30) Chloroform	3.86	83	130	75.768	ug/l #	18
31) Cyclohexane	3.78	56	60	77.279	ug/l #	13
36) 1,1-Dichloropropene	4.28	75	66	29.512	ug/l #	44
37) Ethyl Acetate	4.28	43	277	198.009	ug/l #	26
39) Methylcyclohexane	5.46	83	63	31.790	ug/l #	15
40) Benzene	4.76	78	62	12.504	ug/l #	51
41) Methacrylonitrile	4.89	41	67	87.828	ug/l #	1
42) 1,2-Dichloroethane	5.14	62	70	24.159	ug/l #	83
43) Isopropyl Acetate	7.08	43	195	104.682	ug/l #	52

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45) 1,2-Dichloropropane	6.26	63	60	42.352	ug/l #	43
48) Methyl methacrylate	6.85	41	140	112.137	ug/l #	11
51) 4-Methyl-2-Pentanone	8.39	43	89	64.491	ug/l #	39
53) t-1,3-Dichloropropene	8.43	75	111	40.912	ug/l #	43
54) cis-1,3-Dichloropropene	7.26	75	79	26.807	ug/l #	23
56) Ethyl methacrylate	8.71	69	88	49.312	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.85	63	69	515.537	ug/l	100
59) 2-Hexanone	9.59	43	67	51.185	ug/l #	30
60) Dibromochloromethane	8.73	129	63	28.327	ug/l #	9
61) 1,2-Dibromoethane	9.19	107	61	34.915	ug/l #	1
64) Tetrachloroethene	8.27	164	83	100.766	ug/l #	1
67) Ethyl Benzene	10.01	91	137	34.316	ug/l #	44
68) m/p-Xylenes	10.23	106	146	102.748	ug/l #	60
70) Styrene	10.87	104	72	29.739	ug/l #	29
73) Isopropylbenzene	11.22	105	60	5.508	ug/l #	51
74) N-amyl acetate	11.46	43	403	101.938	ug/l #	46
76) 1,2,3-Trichloropropane	11.75	75	72	34.691	ug/l #	39
78) n-propylbenzene	11.66	91	72	5.503	ug/l #	52
79) 2-Chlorotoluene	11.78	91	66	8.257	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.89	105	63	6.602	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.04	75	144	116.575	ug/l #	14
83) tert-Butylbenzene	12.17	119	75	7.858	ug/l #	31
84) 1,2,4-Trimethylbenzene	12.26	105	86	8.557	ug/l #	31
85) sec-Butylbenzene	12.36	105	77	6.086	ug/l #	58
86) p-Isopropyltoluene	12.52	119	67	6.310	ug/l #	50
89) n-Butylbenzene	12.89	91	209	19.391	ug/l #	29
90) Hexachloroethane	13.10	117	60	22.674	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.61	75	127	208.226	ug/l #	1
95) Naphthalene	14.51	128	468	55.131	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.55	180	63	16.391	ug/l #	12

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

