

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060444.D
 Acq On : 4 Oct 2018 19:06
 Operator : VA/AP
 Sample : J5212-01
 Misc : 7.38/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CG-SOIL-1

Quant Time: Oct 05 01:11:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	86	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.03	114	80	50.00	ug/l	0.29
63) Chlorobenzene-d5	10.27	117	66	50.00	ug/l	0.38
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.62

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	174	129.30	ug/l	0.04
Spiked Amount	50.000		Recovery	=	258.60%	
35) Dibromofluoromethane	4.50	113	66	87.82	ug/l	0.24
Spiked Amount	50.000		Recovery	=	175.64%	
50) Toluene-d8	8.08	98	61	32.96	ug/l	0.40
Spiked Amount	50.000		Recovery	=	65.92%	
62) 4-Bromofluorobenzene	12.05	95	83	98.21	ug/l	0.56
Spiked Amount	50.000		Recovery	=	196.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	127	71.101	ug/l #	43
3) Chloromethane	1.15	50	171	146.429	ug/l #	41
4) Vinyl Chloride	1.13	62	209	172.042	ug/l #	42
5) Bromomethane	1.37	94	81	86.081	ug/l #	3
6) Chloroethane	1.42	64	207	341.455	ug/l #	42
7) Trichlorofluoromethane	1.54	101	65	23.062	ug/l #	18
8) Diethyl Ether	1.58	74	224	579.910	ug/l	63
9) 1,1,2-Trichlorotrifluoroet	1.90	101	79	58.515	ug/l #	22
10) Methyl Iodide	2.04	142	184	89.369	ug/l #	1
11) Tert butyl alcohol	2.70	59	138	1695.379	ug/l #	77
12) 1,1-Dichloroethene	1.83	96	109	104.490	ug/l #	1
13) Acrolein	2.06	56	74	1130.448	ug/l #	16
14) Allyl chloride	2.17	41	206	123.242	ug/l #	65
15) Acrylonitrile	3.08	53	64	458.865	ug/l #	14
16) Acetone	2.34	43	293	1141.581	ug/l #	66
17) Carbon Disulfide	1.88	76	182	57.617	ug/l #	68
18) Methyl Acetate	2.46	43	141	287.223	ug/l #	57
19) Methyl tert-butyl Ether	2.54	73	80	31.486	ug/l #	1
20) Methylene Chloride	2.27	84	69	72.790	ug/l #	41
21) trans-1,2-Dichloroethene	2.42	96	91	87.345	ug/l #	1
22) Diisopropyl ether	2.92	45	302	99.539	ug/l #	1
23) Vinyl Acetate	3.33	43	285	236.474	ug/l #	1
24) 1,1-Dichloroethane	3.07	63	102	49.714	ug/l #	90
25) 2-Butanone	4.52	43	280	803.567	ug/l #	60
26) 2,2-Dichloropropane	3.75	77	111	95.522	ug/l #	61
27) cis-1,2-Dichloroethene	3.62	96	154	132.205	ug/l	1
28) Bromochloromethane	3.86	49	147	194.403	ug/l #	10
29) Tetrahydrofuran	4.24	42	63	484.258	ug/l #	34
30) Chloroform	4.05	83	73	28.835	ug/l #	15
31) Cyclohexane	3.89	56	163	110.638	ug/l #	14
32) 1,1,1-Trichloroethane	4.34	97	70	33.227	ug/l #	23
36) 1,1-Dichloropropene	4.74	75	124	125.718	ug/l #	45
37) Ethyl Acetate	4.48	43	323	855.158	ug/l #	1
38) Carbon Tetrachloride	4.31	117	124	103.281	ug/l #	13

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	5.80	83	271	280.262	ug/l #	10
40) Benzene	5.04	78	66	33.707	ug/l #	51
41) Methacrylonitrile	5.12	41	465	2321.880	ug/l #	44
43) Isopropyl Acetate	7.44	43	187	409.682	ug/l #	44
44) Trichloroethene	5.97	130	60	95.500	ug/l	1
45) 1,2-Dichloropropane	6.69	63	59	113.145	ug/l #	1
46) Dibromomethane	6.53	93	66	157.424	ug/l #	9
47) Bromodichloromethane	6.80	83	66	63.563	ug/l #	23
48) Methyl methacrylate	7.18	41	992	3027.569	ug/l #	82
49) 1,4-Dioxane	7.21	88	69	24423.762	ug/l #	13
51) 4-Methyl-2-Pentanone	8.79	43	176	541.668	ug/l #	39
52) Toluene	8.04	92	69	51.881	ug/l #	1
53) t-1,3-Dichloropropene	8.87	75	92	113.058	ug/l #	44
54) cis-1,3-Dichloropropene	7.77	75	72	75.707	ug/l #	1
55) 1,1,2-Trichloroethane	9.12	97	96	227.725	ug/l #	18
56) Ethyl methacrylate	9.15	69	283	590.777	ug/l #	26
57) 1,3-Dichloropropane	9.44	76	76	106.567	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.26	63	63	1287.538	ug/l	100
59) 2-Hexanone	10.10	43	370	1552.496	ug/l #	27
60) Dibromochloromethane	9.22	129	69	108.709	ug/l #	11
64) Tetrachloroethene	8.33	164	95	181.069	ug/l #	31
65) Chlorobenzene	9.95	112	64	47.206	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.08	131	66	111.491	ug/l #	9
67) Ethyl Benzene	10.02	91	149	57.800	ug/l #	47
68) m/p-Xylenes	10.29	106	92	103.817	ug/l #	1
70) Styrene	10.80	104	67	48.764	ug/l #	1

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

