

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059810.D
 Acq On : 2 Aug 2018 19:40
 Operator : VA/AP
 Sample : J4164-06RE
 Misc : 11.94g/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-5(8-10)RE

Quant Time: Aug 03 07:06:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	560	50.00	ug/l	-0.01
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.91
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.13	65	65	5.44	ug/l	0.11
Spiked Amount	50.000		Recovery	=	10.88%	
35) Dibromofluoromethane	4.27	113	141	24.24	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	48.48%	
50) Toluene-d8	7.68	98	337	24.85	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	49.70%	
62) 4-Bromofluorobenzene	11.37	95	82	10.92	ug/l	-0.14
Spiked Amount	50.000		Recovery	=	21.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.89	85	185	21.54	ug/l #	44
3) Chloromethane	1.07	50	88	19.82	ug/l #	38
5) Bromomethane	1.17	94	60	14.77	ug/l	92
7) Trichlorofluoromethane	1.54	101	76	6.12	ug/l #	18
8) Diethyl Ether	1.75	74	92	43.33	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.82	101	64	9.84	ug/l #	22
10) Methyl Iodide	1.91	142	64	3.48	ug/l #	20
11) Tert butyl alcohol	2.59	59	75	155.08	ug/l #	74
12) 1,1-Dichloroethene	1.81	96	59	11.46	ug/l #	1
13) Acrolein	2.01	56	66	260.74	ug/l #	4
14) Allyl chloride	2.20	41	85	10.34	ug/l #	1
15) Acrylonitrile	3.12	53	70	90.69	ug/l #	7
16) Acetone	2.32	43	76	35.35	ug/l #	68
18) Methyl Acetate	2.42	43	64	15.78	ug/l #	64
19) Methyl tert-butyl Ether	2.62	73	81	5.16	ug/l #	60
20) Methylene Chloride	2.34	84	70	9.13	ug/l #	1
22) Diisopropyl ether	2.97	45	164	9.43	ug/l #	33
23) Vinyl Acetate	3.31	43	60	6.71	ug/l #	83
24) 1,1-Dichloroethane	2.90	63	76	6.29	ug/l #	91
25) 2-Butanone	4.48	43	204	85.03	ug/l #	74
27) cis-1,2-Dichloroethene	3.71	96	73	11.28	ug/l	1
28) Bromochloromethane	3.95	49	95	19.82	ug/l #	15
29) Tetrahydrofuran	4.22	42	104	112.79	ug/l #	39
31) Cyclohexane	3.88	56	60	6.68	ug/l #	15
36) 1,1-Dichloropropene	4.38	75	69	8.92	ug/l #	46
37) Ethyl Acetate	4.27	43	86	28.81	ug/l #	19
38) Carbon Tetrachloride	4.23	117	60	6.74	ug/l #	14
40) Benzene	4.75	78	71	6.28	ug/l #	52
41) Methacrylonitrile	4.94	41	64	45.13	ug/l #	24
43) Isopropyl Acetate	7.10	43	103	30.76	ug/l #	46
45) 1,2-Dichloropropane	6.44	63	66	22.10	ug/l #	43
47) Bromodichloromethane	6.42	83	73	9.45	ug/l #	25
48) Methyl methacrylate	6.89	41	59	23.42	ug/l #	13
49) 1,4-Dioxane	6.74	88	86	3918.54	ug/l #	21

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51) 4-Methyl-2-Pentanone	8.41	43	70	27.48	ug/l #	42
53) t-1,3-Dichloropropene	8.41	75	63	9.40	ug/l #	41
54) cis-1,3-Dichloropropene	7.37	75	105	16.18	ug/l #	18
56) Ethyl methacrylate	8.79	69	73	22.85	ug/l #	25
57) 1,3-Dichloropropane	8.98	76	62	11.80	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.83	63	66	178.96	ug/l	100
59) 2-Hexanone	9.68	43	73	35.76	ug/l #	30

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

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