

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059219.D
 Acq On : 20 Jun 2018 7:13
 Operator : VA/AP
 Sample : J3575-10
 Misc : 13.77g/5mL/MSVOA-F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12

Quant Time: Jun 20 07:46:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	10224	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.74	114	10180	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	6386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	1277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.99	65	1874	15.11	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	30.22%	
35) Dibromofluoromethane	4.27	113	2656	37.18	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	74.36%	
50) Toluene-d8	7.69	98	7400	35.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	70.52%	
62) 4-Bromofluorobenzene	11.50	95	2404	22.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.68%	

Target Compounds

						Qvalue
3) Chloromethane	1.07	50	300	3.35	ug/l #	41
5) Bromomethane	1.20	94	61	1.29	ug/l #	1
6) Chloroethane	1.52	64	73	2.18	ug/l #	44
8) Diethyl Ether	1.78	74	62	1.96	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.88	101	97	1.21	ug/l #	19
12) 1,1-Dichloroethene	1.79	96	90	1.34	ug/l #	1
13) Acrolein	2.04	56	62	9.02	ug/l #	12
16) Acetone	2.36	43	122	4.12	ug/l #	59
18) Methyl Acetate	2.41	43	143	2.81	ug/l #	66
19) Methyl tert-butyl Ether	2.53	73	364	1.74	ug/l #	1
20) Methylene Chloride	2.27	84	169	2.38	ug/l #	31
21) trans-1,2-Dichloroethene	2.44	96	76	1.03	ug/l #	1
23) Vinyl Acetate	3.26	43	298	1.74	ug/l #	78
25) 2-Butanone	4.46	43	60	1.31	ug/l #	56
26) 2,2-Dichloropropane	3.66	77	149	1.30	ug/l #	65
29) Tetrahydrofuran	4.22	42	64	3.16	ug/l #	36
37) Ethyl Acetate	4.27	43	166	2.72	ug/l #	17
39) Methylcyclohexane	5.59	83	101	1.00	ug/l #	13
41) Methacrylonitrile	4.89	41	129	4.31	ug/l #	37
42) 1,2-Dichloroethane	5.04	62	390	3.80	ug/l	82
48) Methyl methacrylate	6.85	41	297	5.90	ug/l #	51
49) 1,4-Dioxane	7.06	88	61	162.76	ug/l #	16
51) 4-Methyl-2-Pentanone	8.42	43	62	1.11	ug/l #	38
55) 1,1,2-Trichloroethane	8.76	97	82	1.37	ug/l #	16
59) 2-Hexanone	9.60	43	67	1.51	ug/l #	26
74) N-amyl acetate	11.46	43	96	3.04	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.83	83	80	3.82	ug/l #	24
76) 1,2,3-Trichloropropane	11.75	75	64	4.13	ug/l #	1
79) 2-Chlorotoluene	11.69	91	90	1.46	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.96	105	80	1.09	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.02	75	65	6.48	ug/l #	1
89) n-Butylbenzene	12.89	91	211	1.37	ug/l #	28
92) 1,2-Dibromo-3-Chloropropan	13.64	75	59	14.35	ug/l #	8
95) Naphthalene	14.49	128	131	2.22	ug/l #	70

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

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