

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059786.D
 Acq On : 2 Aug 2018 7:08
 Operator : VA/AP
 Sample : J4257-08
 Misc : 9.60µ/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-001-D

Quant Time: Aug 02 07:51:32 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	4.94	168	64	50.00	ug/l	-0.10
34) 1,4-Difluorobenzene	5.55	114	79	50.00	ug/l	-0.22
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	4.92	65	73	63.47	ug/l	-0.10
Spiked Amount	50.000		Recovery	=	126.94%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.07	95	76	71.75	ug/l	-0.44
Spiked Amount	50.000		Recovery	=	143.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.82	85	63	92.28	ug/l #	44
3) Chloromethane	1.02	50	134	394.46	ug/l #	38
5) Bromomethane	1.37	94	66	216.54	ug/l #	4
6) Chloroethane	1.38	64	87	389.88	ug/l #	35
7) Trichlorofluoromethane	1.38	101	89	74.47	ug/l #	18
8) Diethyl Ether	1.60	74	60	293.60	ug/l #	1
11) Tert butyl alcohol	2.65	59	92	1993.92	ug/l #	74
12) 1,1-Dichloroethene	1.74	96	59	119.04	ug/l #	1
13) Acrolein	2.17	56	83	3213.29	ug/l #	4
14) Allyl chloride	2.13	41	151	190.82	ug/l #	1
15) Acrylonitrile	3.07	53	79	1062.80	ug/l #	7
16) Acetone	2.21	43	161	778.19	ug/l #	68
17) Carbon Disulfide	1.80	76	60	60.33	ug/l #	71
18) Methyl Acetate	2.40	43	82	277.99	ug/l #	64
22) Diisopropyl ether	2.79	45	131	78.28	ug/l #	33
24) 1,1-Dichloroethane	2.84	63	141	121.28	ug/l #	91
25) 2-Butanone	4.42	43	229	991.82	ug/l #	74
26) 2,2-Dichloropropane	3.70	77	106	127.90	ug/l #	1
27) cis-1,2-Dichloroethene	3.54	96	63	101.19	ug/l	1
28) Bromochloromethane	3.85	49	62	163.49	ug/l #	15
29) Tetrahydrofuran	4.20	42	66	743.74	ug/l #	18
30) Chloroform	4.06	83	79	48.15	ug/l #	20
31) Cyclohexane	3.89	56	62	115.43	ug/l #	15
32) 1,1,1-Trichloroethane	4.25	97	67	52.64	ug/l #	22
37) Ethyl Acetate	4.18	43	92	252.10	ug/l #	19
39) Methylcyclohexane	5.41	83	64	110.18	ug/l #	13
40) Benzene	4.59	78	80	50.14	ug/l #	1
41) Methacrylonitrile	4.78	41	77	407.25	ug/l #	24
43) Isopropyl Acetate	6.79	43	218	461.49	ug/l #	46
44) Trichloroethene	5.45	130	88	177.92	ug/l	2
46) Dibromomethane	5.97	93	77	192.50	ug/l #	8
47) Bromodichloromethane	6.30	83	69	63.34	ug/l #	25
48) Methyl methacrylate	6.55	41	133	374.32	ug/l #	47
49) 1,4-Dioxane	6.43	88	85	13508.10	ug/l #	21

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51) 4-Methyl-2-Pentanone	8.08	43	68	189.24	ug/l #	42
53) t-1,3-Dichloropropene	8.13	75	69	73.00	ug/l #	41
54) cis-1,3-Dichloropropene	7.21	75	87	95.03	ug/l #	18
56) Ethyl methacrylate	8.45	69	62	137.59	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.39	63	81	1556.91	ug/l	100
59) 2-Hexanone	9.31	43	87	302.13	ug/l #	30
60) Dibromochloromethane	8.63	129	69	90.50	ug/l #	12

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

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