

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059815.D
 Acq On : 2 Aug 2018 21:58
 Operator : VA/AP
 Sample : J4164-11
 Misc : 10.19g/5mL/MSVOA F/SOIL
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DUP-072518

Quant Time: Aug 03 07:07:14 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	5.03	168	525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	184	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.05	65	152	16.11	ug/l	0.04
Spiked Amount	50.000		Recovery	=	32.22%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.69	98	198	44.43	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.37	95	62	25.13	ug/l	-0.14
Spiked Amount	50.000		Recovery	=	50.26%	

Target Compounds

						Qvalue
3) Chloromethane	1.09	50	83	24.74	ug/l #	38
4) Vinyl Chloride	1.10	62	77	21.57	ug/l #	47
5) Bromomethane	1.46	94	141	53.01	ug/l #	4
6) Chloroethane	1.38	64	66	31.75	ug/l #	35
7) Trichlorofluoromethane	1.53	101	70	7.14	ug/l #	18
11) Tert butyl alcohol	2.70	59	67	175.68	ug/l #	74
14) Allyl chloride	2.25	41	82	12.63	ug/l #	1
15) Acrylonitrile	2.98	53	80	131.26	ug/l #	7
16) Acetone	2.32	43	69	40.66	ug/l #	68
17) Carbon Disulfide	1.85	76	124	10.55	ug/l #	71
18) Methyl Acetate	2.45	43	79	27.78	ug/l #	64
20) Methylene Chloride	2.19	84	85	18.49	ug/l #	1
21) trans-1,2-Dichloroethene	2.29	96	202	57.12	ug/l #	1
22) Diisopropyl ether	2.83	45	154	11.22	ug/l #	33
23) Vinyl Acetate	3.32	43	106	15.02	ug/l #	83
24) 1,1-Dichloroethane	2.92	63	111	11.64	ug/l #	91
25) 2-Butanone	4.49	43	495	261.35	ug/l #	74
26) 2,2-Dichloropropane	3.68	77	125	18.39	ug/l #	66
27) cis-1,2-Dichloroethene	3.49	96	76	14.88	ug/l	1
28) Bromochloromethane	4.01	49	69	17.83	ug/l #	15
29) Tetrahydrofuran	4.14	42	111	152.48	ug/l #	39
31) Cyclohexane	3.83	56	60	9.65	ug/l #	15
36) 1,1-Dichloropropene	4.39	75	73	38.26	ug/l #	46
37) Ethyl Acetate	4.33	43	182	213.35	ug/l #	19
38) Carbon Tetrachloride	4.06	117	99	33.84	ug/l #	14
39) Methylcyclohexane	5.71	83	67	46.91	ug/l #	13
40) Benzene	4.85	78	90	24.22	ug/l #	52
41) Methacrylonitrile	4.95	41	170	385.88	ug/l #	33
43) Isopropyl Acetate	7.13	43	91	82.71	ug/l #	46
44) Trichloroethene	5.73	130	60	47.92	ug/l	2
46) Dibromomethane	6.38	93	97	104.12	ug/l #	8
48) Methyl methacrylate	6.95	41	144	174.00	ug/l #	1
49) 1,4-Dioxane	7.01	88	154	11659.42	ug/l #	21
51) 4-Methyl-2-Pentanone	8.48	43	61	72.88	ug/l #	42

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53) t-1,3-Dichloropropene	8.57	75	76	34.52	ug/l #	41
56) Ethyl methacrylate	8.59	69	71	67.65	ug/l #	14
57) 1,3-Dichloropropane	9.09	76	69	39.97	ug/l #	41
59) 2-Hexanone	9.62	43	82	122.26	ug/l #	30
60) Dibromochloromethane	8.83	129	96	54.06	ug/l #	12
61) 1,2-Dibromoethane	9.22	107	64	54.46	ug/l #	4
64) Tetrachloroethene	8.42	164	68	64.65	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.14	131	62	41.75	ug/l #	9
67) Ethyl Benzene	9.90	91	70	12.72	ug/l #	46
68) m/p-Xylenes	10.27	106	63	31.20	ug/l #	1
70) Styrene	10.93	104	75	24.42	ug/l #	26

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

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