

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059801.D
 Acq On : 2 Aug 2018 15:30
 Operator : VA/AP
 Sample : J4231-13RE
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-7RE

Quant Time: Aug 02 15:51:31 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	5.01	168	164	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	757	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	251	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.49	152	77	50.00	ug/l	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	72	24.43	ug/l	0.00
Spiked Amount						
			Recovery	=	48.86%	
35) Dibromofluoromethane	4.27	113	82	10.43	ug/l	-0.01
Spiked Amount						
			Recovery	=	20.86%	
50) Toluene-d8	7.68	98	503	27.43	ug/l	-0.02
Spiked Amount						
			Recovery	=	54.86%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	192	218.16	ug/l #	38
4) Vinyl Chloride	1.08	62	76	76.69	ug/l #	47
6) Chloroethane	1.43	64	60	101.46	ug/l #	35
8) Diethyl Ether	1.57	74	62	118.39	ug/l #	1
10) Methyl Iodide	1.99	142	72	30.39	ug/l #	20
11) Tert butyl alcohol	2.74	59	66	557.16	ug/l #	74
12) 1,1-Dichloroethene	1.73	96	77	60.63	ug/l #	1
13) Acrolein	2.09	56	70	1068.34	ug/l #	4
14) Allyl chloride	2.17	41	73	36.00	ug/l #	1
15) Acrylonitrile	3.18	53	141	740.27	ug/l #	7
16) Acetone	2.34	43	167	315.00	ug/l #	68
17) Carbon Disulfide	1.92	76	75	26.25	ug/l #	71
18) Methyl Acetate	2.43	43	169	222.50	ug/l #	64
19) Methyl tert-butyl Ether	2.56	73	135	34.86	ug/l #	1
20) Methylene Chloride	2.28	84	67	59.27	ug/l #	1
21) trans-1,2-Dichloroethene	2.46	96	62	56.07	ug/l #	1
23) Vinyl Acetate	3.32	43	64	29.03	ug/l #	83
24) 1,1-Dichloroethane	2.91	63	75	25.17	ug/l #	91
25) 2-Butanone	4.47	43	98	165.64	ug/l #	74
27) cis-1,2-Dichloroethene	3.57	96	77	48.27	ug/l	1
28) Bromochloromethane	3.87	49	64	62.85	ug/l #	15
29) Tetrahydrofuran	4.16	42	127	558.50	ug/l #	55
30) Chloroform	4.13	83	73	17.36	ug/l #	20
32) 1,1,1-Trichloroethane	4.20	97	73	22.38	ug/l #	22
36) 1,1-Dichloropropene	4.38	75	61	4.35	ug/l #	46
37) Ethyl Acetate	4.27	43	258	70.16	ug/l #	19
38) Carbon Tetrachloride	4.25	117	69	5.73	ug/l #	14
41) Methacrylonitrile	4.91	41	143	76.53	ug/l #	45
42) 1,2-Dichloroethane	5.11	62	67	6.26	ug/l	85
43) Isopropyl Acetate	7.04	43	67	14.80	ug/l #	46
45) 1,2-Dichloropropane	6.36	63	60	14.86	ug/l #	43
46) Dibromomethane	6.17	93	60	15.65	ug/l #	8
47) Bromodichloromethane	6.57	83	60	5.75	ug/l #	25
48) Methyl methacrylate	6.82	41	149	43.76	ug/l #	13

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	6.66	88	73	2783.44	ug/l #	21
51) 4-Methyl-2-Pentanone	8.32	43	82	23.81	ug/l #	42
52) Toluene	7.61	92	130	10.70	ug/l #	1
53) t-1,3-Dichloropropene	8.33	75	81	8.94	ug/l #	41
54) cis-1,3-Dichloropropene	7.35	75	69	7.87	ug/l #	42
55) 1,1,2-Trichloroethane	8.44	97	73	17.63	ug/l #	14
56) Ethyl methacrylate	8.74	69	60	13.90	ug/l #	14
57) 1,3-Dichloropropane	8.85	76	76	10.70	ug/l #	41
59) 2-Hexanone	9.56	43	60	21.74	ug/l #	30
61) 1,2-Dibromoethane	8.98	107	84	17.37	ug/l #	4
65) Chlorobenzene	9.97	112	134	26.69	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	9.98	131	102	43.51	ug/l #	9
67) Ethyl Benzene	10.01	91	69	7.94	ug/l #	46
68) m/p-Xylenes	10.39	106	62	16.19	ug/l #	1
70) Styrene	11.05	104	73	15.05	ug/l #	26
73) Isopropylbenzene	11.38	105	61	12.07	ug/l #	50
74) N-amyl acetate	11.44	43	128	100.42	ug/l #	48
76) 1,2,3-Trichloropropane	11.95	75	70	86.56	ug/l #	39
78) n-propylbenzene	11.72	91	60	7.31	ug/l #	54
79) 2-Chlorotoluene	11.72	91	60	15.37	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.90	105	62	11.81	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.95	75	70	209.01	ug/l #	67
83) tert-Butylbenzene	12.25	119	174	38.36	ug/l #	26
86) p-Isopropyltoluene	12.47	119	60	8.72	ug/l #	49
88) 1,4-Dichlorobenzene	12.77	146	62	26.51	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.60	75	67	288.18	ug/l #	9
95) Naphthalene	14.51	128	281	84.64	ug/l #	70

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

