

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059800.D
 Acq On : 2 Aug 2018 15:02
 Operator : VA/AP
 Sample : J4231-09RE
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-5RE

Quant Time: Aug 02 15:28:09 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	1651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	2340	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	1474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	154	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.98	65	511	17.22	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	34.44%	
35) Dibromofluoromethane	4.28	113	522	21.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.96%	
50) Toluene-d8	7.71	98	1075	18.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	37.94%	
62) 4-Bromofluorobenzene	11.49	95	551	17.56	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	35.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	77	Below Cal	#	44
3) Chloromethane	1.08	50	90	4.95	ug/l #	22
5) Bromomethane	1.49	94	81	5.94	ug/l #	4
6) Chloroethane	1.31	64	75	8.44	ug/l #	35
7) Trichlorofluoromethane	1.49	101	60	1.95	ug/l #	18
10) Methyl Iodide	1.87	142	84	Below Cal	#	20
11) Tert butyl alcohol	2.55	59	92	75.88	ug/l #	74
12) 1,1-Dichloroethene	1.99	96	66	5.16	ug/l #	1
13) Acrolein	2.03	56	60	105.66	ug/l #	4
14) Allyl chloride	2.14	41	83	4.07	ug/l #	54
15) Acrylonitrile	3.08	53	59	30.83	ug/l #	7
16) Acetone	2.35	43	130	24.36	ug/l #	68
17) Carbon Disulfide	1.90	76	77	Below Cal	#	71
18) Methyl Acetate	2.42	43	71	4.00	ug/l #	64
19) Methyl tert-butyl Ether	2.43	73	155	3.98	ug/l #	60
20) Methylene Chloride	2.27	84	60	Below Cal	#	42
21) trans-1,2-Dichloroethene	2.47	96	90	5.79	ug/l #	1
22) Diisopropyl ether	2.90	45	117	2.71	ug/l #	33
23) Vinyl Acetate	3.29	43	137	6.17	ug/l #	83
24) 1,1-Dichloroethane	3.00	63	64	2.13	ug/l #	91
25) 2-Butanone	4.49	43	339	56.92	ug/l #	74
26) 2,2-Dichloropropane	3.71	77	70	3.27	ug/l #	66
28) Bromochloromethane	3.94	49	90	4.45	ug/l #	15
29) Tetrahydrofuran	4.31	42	61	26.65	ug/l #	39
31) Cyclohexane	3.80	56	77	1.28	ug/l #	15
32) 1,1,1-Trichloroethane	4.30	97	60	1.83	ug/l #	22
36) 1,1-Dichloropropene	4.51	75	62	Below Cal	#	46
37) Ethyl Acetate	4.29	43	130	7.16	ug/l #	19
38) Carbon Tetrachloride	4.21	117	90	2.42	ug/l #	14
40) Benzene	4.84	78	150	3.17	ug/l #	52
41) Methacrylonitrile	4.94	41	151	24.18	ug/l #	24
42) 1,2-Dichloroethane	5.15	62	95	2.87	ug/l	85
43) Isopropyl Acetate	7.10	43	338	24.16	ug/l #	46
46) Dibromomethane	6.26	93	60	5.06	ug/l #	8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Bromodichloromethane	6.61	83	65	2.01	ug/l #	25
48) Methyl methacrylate	6.87	41	225	21.38	ug/l #	1
49) 1,4-Dioxane	6.84	88	69	1019.04	ug/l #	26
51) 4-Methyl-2-Pentanone	8.40	43	752	70.65	ug/l #	42
53) t-1,3-Dichloropropene	8.41	75	81	2.89	ug/l #	41
54) cis-1,3-Dichloropropene	7.42	75	80	2.95	ug/l #	18
56) Ethyl methacrylate	8.85	69	66	4.94	ug/l #	5
58) 2-Chloroethyl Vinyl ether	7.69	63	93	60.35	ug/l	100
59) 2-Hexanone	9.59	43	1319	154.64	ug/l #	59
64) Tetrachloroethene	8.33	164	62	1.99	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.03	131	101	7.34	ug/l #	9
67) Ethyl Benzene	10.13	91	137	2.69	ug/l #	46
68) m/p-Xylenes	10.20	106	67	Below Cal	#	1
69) o-Xylene	10.67	106	70	3.72	ug/l #	1
70) Styrene	10.91	104	191	6.71	ug/l #	45
73) Isopropylbenzene	11.32	105	64	6.33	ug/l #	50
74) N-amyl acetate	11.44	43	244	95.71	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.81	83	73	38.38	ug/l #	25
76) 1,2,3-Trichloropropane	11.87	75	200	123.65	ug/l #	39
77) Bromobenzene	11.59	156	64	24.26	ug/l #	53
78) n-propylbenzene	11.68	91	90	4.09	ug/l #	54
79) 2-Chlorotoluene	11.79	91	140	18.73	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.86	105	67	3.96	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.93	75	66	98.53	ug/l #	17
82) 4-Chlorotoluene	11.98	91	153	19.53	ug/l #	44
84) 1,2,4-Trimethylbenzene	12.40	105	82	6.11	ug/l #	33
85) sec-Butylbenzene	12.40	105	82	2.87	ug/l #	57
86) p-Isopropyltoluene	12.54	119	717	83.42	ug/l #	43
87) 1,3-Dichlorobenzene	12.56	146	91	17.34	ug/l #	24
88) 1,4-Dichlorobenzene	12.63	146	91	18.27	ug/l #	24
89) n-Butylbenzene	12.90	91	272	29.49	ug/l #	29
90) Hexachloroethane	13.06	117	62	24.33	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.75	75	69	148.39	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.22	180	109	30.64	ug/l #	12
94) Hexachlorobutadiene	14.20	225	72	28.50	ug/l #	19
95) Naphthalene	14.51	128	242	36.45	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.64	180	69	18.80	ug/l #	13

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

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