

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059762.D
 Acq On : 1 Aug 2018 18:22
 Operator : VA/AP
 Sample : J4231-09
 Misc : 5.07g/5mL/MSVOA F/SOIL
 ALS Vial : 92 Sample Multiplier: 1

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

Quant Time: Aug 02 05:30:22 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	5.04	168	197	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.41	114	80	50.00	ug/l	-0.35
63) Chlorobenzene-d5	9.25	117	66	50.00	ug/l	-0.66
72) 1,4-Dichlorobenzene-d4	12.65	152	67	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.92	65	86	24.29	ug/l	-0.10
Spiked Amount	50.000		Recovery	=	48.58%	
35) Dibromofluoromethane	3.87	113	63	75.82	ug/l	-0.41
Spiked Amount	50.000		Recovery	=	151.64%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.89	85	96	42.49	ug/l #	44
3) Chloromethane	1.05	50	95	86.65	ug/l #	38
4) Vinyl Chloride	1.19	62	73	60.53	ug/l #	47
5) Bromomethane	1.32	94	70	71.61	ug/l #	4
6) Chloroethane	1.39	64	73	102.83	ug/l #	35
7) Trichlorofluoromethane	1.51	101	63	17.12	ug/l #	18
8) Diethyl Ether	1.62	74	79	125.59	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.93	101	67	34.77	ug/l #	22
11) Tert butyl alcohol	2.69	59	69	484.72	ug/l #	74
13) Acrolein	2.17	56	59	754.41	ug/l #	66
14) Allyl chloride	2.18	41	91	37.36	ug/l #	38
15) Acrylonitrile	3.00	53	73	319.10	ug/l #	7
17) Carbon Disulfide	1.87	76	59	15.05	ug/l #	71
20) Methylene Chloride	2.30	84	64	45.44	ug/l #	1
21) trans-1,2-Dichloroethene	2.35	96	77	58.07	ug/l #	27
22) Diisopropyl ether	2.90	45	166	32.23	ug/l #	33
23) Vinyl Acetate	3.35	43	62	23.41	ug/l #	83
24) 1,1-Dichloroethane	3.01	63	62	17.32	ug/l #	91
25) 2-Butanone	4.50	43	217	305.33	ug/l #	74
26) 2,2-Dichloropropane	3.69	77	80	31.36	ug/l #	66
27) cis-1,2-Dichloroethene	3.79	96	63	32.87	ug/l #	1
28) Bromochloromethane	3.88	49	88	72.67	ug/l #	15
29) Tetrahydrofuran	4.29	42	77	281.89	ug/l #	39
30) Chloroform	4.03	83	67	13.27	ug/l #	20
31) Cyclohexane	3.89	56	67	37.61	ug/l #	15
32) 1,1,1-Trichloroethane	4.24	97	62	15.83	ug/l #	22
37) Ethyl Acetate	4.01	43	161	439.38	ug/l #	19
38) Carbon Tetrachloride	3.76	117	76	59.75	ug/l #	14
39) Methylcyclohexane	5.37	83	72	122.93	ug/l #	13
40) Benzene	4.48	78	66	40.85	ug/l #	52
41) Methacrylonitrile	4.65	41	68	354.77	ug/l #	24
43) Isopropyl Acetate	6.68	43	64	133.79	ug/l #	46
44) Trichloroethene	5.38	130	77	152.93	ug/l #	2
45) 1,2-Dichloropropane	6.09	63	92	215.63	ug/l #	43

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

47) Bromodichloromethane	6.26	83	62	56.21	ug/l #	25
48) Methyl methacrylate	6.43	41	221	614.21	ug/l #	13
49) 1,4-Dioxane	6.14	88	60	10923.94	ug/l #	1
51) 4-Methyl-2-Pentanone	7.88	43	166	456.18	ug/l #	42
56) Ethyl methacrylate	8.20	69	101	221.34	ug/l #	50
57) 1,3-Dichloropropane	8.51	76	144	191.84	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.27	63	60	1138.85	ug/l	100
59) 2-Hexanone	9.10	43	179	613.84	ug/l #	30
66) 1,1,1,2-Tetrachloroethane	10.19	131	73	118.43	ug/l #	9
68) m/p-Xylenes	10.13	106	89	126.93	ug/l #	1
70) Styrene	10.99	104	105	82.35	ug/l #	26
73) Isopropylbenzene	11.37	105	63	14.33	ug/l #	50
74) N-amyl acetate	11.50	43	95	85.65	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.70	83	68	82.17	ug/l #	25
76) 1,2,3-Trichloropropane	11.91	75	63	89.53	ug/l #	39
78) n-propylbenzene	11.61	91	63	9.97	ug/l #	54
80) 1,3,5-Trimethylbenzene	11.90	105	89	22.89	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.91	75	63	216.18	ug/l #	24
82) 4-Chlorotoluene	12.02	91	92	28.66	ug/l #	44
83) tert-Butylbenzene	12.22	119	73	18.50	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.40	105	96	24.85	ug/l #	33
85) sec-Butylbenzene	12.40	105	96	17.92	ug/l #	57
86) p-Isopropyltoluene	12.54	119	141	34.26	ug/l #	49
88) 1,4-Dichlorobenzene	12.79	146	65	32.84	ug/l #	24
89) n-Butylbenzene	12.78	91	163	43.07	ug/l #	6
90) Hexachloroethane	13.08	117	76	68.54	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.76	75	74	365.79	ug/l #	9
94) Hexachlorobutadiene	14.20	225	61	55.51	ug/l #	19
95) Naphthalene	14.50	128	545	188.67	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.53	180	71	44.47	ug/l #	13

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

