Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080118\
Data File : VF059768.D
Acq On : 1 Aug 2018 21:07
Operator : VA/AP
Sample : J4231-21
Misc : 5.02g/5mL/MSVOA_F/SOIL
ALS Vial : 98 Sample Multiplier: 1

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

Quant Time: Aug 02 05:32:08 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	447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	805	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	7871	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	64	7.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 15.94%			
35) Dibromofluoromethane	4.31	113	256	30.62	ug/l	0.03
Spiked Amount 50.000			Recovery = 61.24%			
50) Toluene-d8	7.70	98	492	25.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 50.46%			
62) 4-Bromofluorobenzene	11.49	95	77	7.13	ug/l	-0.02
Spiked Amount 50.000			Recovery = 14.26%			
Target Compounds						Qvalue
3) Chloromethane	1.14	50	138	53.51	ug/l #	38
4) Vinyl Chloride	1.26	62	141	50.94	ug/l #	1
5) Bromomethane	1.31	94	277	128.30	ug/l #	4
6) Chloroethane	1.26	64	96	57.60	ug/l #	35
8) Diethyl Ether	1.68	74	93	65.16	ug/l #	1
12) 1,1-Dichloroethene	1.82	96	162	46.80	ug/l #	1
13) Acrolein	2.23	56	103	584.14	ug/l #	4
14) Allyl chloride	2.20	41	131	23.70	ug/l #	32
15) Acrylonitrile	3.08	53	87	167.63	ug/l #	7
16) Acetone	2.36	43	263	182.01	ug/l #	68
17) Carbon Disulfide	1.87	76	160	19.19	ug/l #	71
18) Methyl Acetate	2.43	43	81	34.58	ug/l #	64
19) Methyl tert-butyl Ether	2.49	73	67	6.35	ug/l #	60
21) trans-1,2-Dichloroethene	2.36	96	83	26.18	ug/l #	1
22) Diisopropyl ether	2.94	45	60	5.13	ug/l #	33
23) Vinyl Acetate	3.30	43	75	12.48	ug/l #	83
24) 1,1-Dichloroethane	2.94	63	62	7.64	ug/l #	91
25) 2-Butanone	4.52	43	65	40.31	ug/l #	74
26) 2,2-Dichloropropane	3.73	77	76	13.13	ug/l #	66
27) cis-1,2-Dichloroethene	3.66	96	65	14.95	ug/l	39
28) Bromochloromethane	3.86	49	107	36.61	ug/l #	15
29) Tetrahydrofuran	4.35	42	75	121.01	ug/l #	39
32) 1,1,1-Trichloroethane	4.19	97	78	8.77	ug/l #	22
36) 1,1-Dichloropropene	4.45	75	63	4.10	ug/l #	46
37) Ethyl Acetate	4.24	43	130	30.56	ug/l #	19
38) Carbon Tetrachloride	4.17	117	73	5.70	ug/l #	14
40) Benzene	4.77	78	76	4.67	ug/l #	52
41) Methacrylonitrile	4.89	41	243	124.07	ug/l #	24
42) 1,2-Dichloroethane	5.18	62	70	6.15	ug/l	85
43) Isopropyl Acetate	7.07	43	405	84.14	ug/l #	46
44) Trichloroethene	5.55	130	63	7.03	ug/l	2
45) 1,2-Dichloropropane	6.37	63	76	17.70	ug/l #	43
47) Bromodichloromethane	6.46	83	73	6.58	ug/l #	25
48) Methyl methacrylate	6.86	41	74	20.44	ug/l #	66

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) 4-Methyl-2-Pentanone	8.42	43	123	33.59	ug/l	#	42
52) Toluene	7.70	92	79	4.92	ug/l	#	1
53) t-1,3-Dichloropropene	8.38	75	62	6.44	ug/l	#	41
54) cis-1,3-Dichloropropene	7.50	75	59	6.32	ug/l	#	27
55) 1,1,2-Trichloroethane	8.55	97	146	33.16	ug/l	#	14
56) Ethyl methacrylate	8.73	69	66	14.37	ug/l	#	23
57) 1,3-Dichloropropane	8.92	76	64	8.47	ug/l	#	41
58) 2-Chloroethyl Vinyl ether	7.74	63	83	156.56	ug/l		100
59) 2-Hexanone	9.63	43	220	74.98	ug/l	#	30
60) Dibromochloromethane	8.78	129	61	7.85	ug/l	#	12
61) 1,2-Dibromoethane	9.00	107	76	14.78	ug/l	#	4
64) Tetrachloroethene	8.18	164	63	27.55	ug/l	#	1
67) Ethyl Benzene	9.97	91	60	5.49	ug/l	#	46
68) m/p-Xylenes	10.22	106	88	19.36	ug/l	#	1
69) o-Xylene	10.94	106	104	25.81	ug/l	#	1
70) Styrene	11.00	104	66	10.81	ug/l	#	26
71) Bromoform	11.03	173	84	43.68	ug/l	#	30
74) N-amyl acetate	11.47	43	163	1.25	ug/l	#	48
77) Bromobenzene	11.56	156	5482	40.65	ug/l	#	1
78) n-propylbenzene	11.68	91	176	Below Cal		#	54
79) 2-Chlorotoluene	11.85	91	177	Below Cal		#	44
80) 1,3,5-Trimethylbenzene	11.92	105	114	Below Cal		#	31
81) trans-1,4-Dichloro-2-buten	11.95	75	102	2.98	ug/l	#	57
82) 4-Chlorotoluene	12.00	91	85	Below Cal		#	44
84) 1,2,4-Trimethylbenzene	12.37	105	63	Below Cal		#	33
85) sec-Butylbenzene	12.37	105	63	Below Cal		#	57
86) p-Isopropyltoluene	12.50	119	60	Below Cal		#	1
87) 1,3-Dichlorobenzene	12.54	146	77	Below Cal		#	24
88) 1,4-Dichlorobenzene	12.54	146	77	Below Cal		#	24
89) n-Butylbenzene	12.94	91	464	Below Cal		#	29
90) Hexachloroethane	13.01	117	196	1.50	ug/l	#	18
91) 1,2-Dichlorobenzene	13.17	146	64	Below Cal		#	24
92) 1,2-Dibromo-3-Chloropropan	13.69	75	318	13.38	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.17	180	62	Below Cal		#	12
95) Naphthalene	14.52	128	6150	18.12	ug/l	#	80

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

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