Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080718\
Data File : VF059915.D
Acq On : 7 Aug 2018 11:39
Operator : VA/AP
Sample : J4348-01
Misc : 5.12g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 72-11930

Quant Time: Aug 07 12:32:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.04
34) 1,4-Difluorobenzene	5.74	114	64	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	59	50.00	ug/l	-0.15
72) 1,4-Dichlorobenzene-d4	12.62	152	70	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	76	0.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
50) Toluene-d8	7.57	98	79	58.31	ug/l	-0.15
Spiked Amount 50.000			Recovery =	116.62%		
62) 4-Bromofluorobenzene	11.41	95	154	202.28	ug/l	-0.10
Spiked Amount 50.000			Recovery =	404.56%		
Target Compounds						Qvalue
36) 1,1-Dichloropropene	4.47	75	62	83.75	ug/l #	46
37) Ethyl Acetate	4.29	43	70	220.23	ug/l #	1
38) Carbon Tetrachloride	4.04	117	72	67.94	ug/l #	12
39) Methylcyclohexane	5.63	83	66	118.89	ug/l #	13
40) Benzene	4.93	78	134	109.29	ug/l #	49
41) Methacrylonitrile	4.88	41	131	780.96	ug/l #	25
43) Isopropyl Acetate	7.07	43	77	235.27	ug/l #	51
44) Trichloroethene	5.55	130	70	141.98	ug/l	1
46) Dibromomethane	6.30	93	61	177.96	ug/l #	3
47) Bromodichloromethane	6.62	83	75	80.00	ug/l #	26
48) Methyl methacrylate	6.87	41	64	251.35	ug/l #	12
49) 1,4-Dioxane	6.82	88	73	36777.34	ug/l #	47
51) 4-Methyl-2-Pentanone	8.43	43	68	203.21	ug/l #	43
53) t-1,3-Dichloropropene	8.20	75	167	234.17	ug/l #	44
54) cis-1,3-Dichloropropene	7.33	75	74	100.54	ug/l #	14
56) Ethyl methacrylate	8.68	69	60	155.01	ug/l #	8
59) 2-Hexanone	9.55	43	125	528.79	ug/l #	34
61) 1,2-Dibromoethane	8.94	107	74	180.44	ug/l #	2
67) Ethyl Benzene	10.02	91	64	30.68	ug/l #	48
70) Styrene	11.06	104	138	121.04	ug/l #	24
73) Isopropylbenzene	11.23	105	80	18.35	ug/l #	51
74) N-amyl acetate	11.50	43	357	314.26	ug/l #	22
75) 1,1,2,2-Tetrachloroethane	11.79	83	84	102.62	ug/l #	23
76) 1,2,3-Trichloropropane	11.90	75	150	213.34	ug/l #	44
77) Bromobenzene	11.65	156	64	53.98	ug/l #	37
78) n-propylbenzene	11.69	91	101	19.62	ug/l #	55
79) 2-Chlorotoluene	11.82	91	98	30.09	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.89	105	244	60.27	ug/l #	32
81) trans-1,4-Dichloro-2-buten	12.01	75	80	316.78	ug/l #	13
82) 4-Chlorotoluene	12.00	91	68	19.23	ug/l #	43
83) tert-Butylbenzene	12.18	119	64	16.24	ug/l #	25
84) 1,2,4-Trimethylbenzene	12.38	105	135	32.42	ug/l #	34
85) sec-Butylbenzene	12.38	105	135	25.78	ug/l #	59
86) p-Isopropyltoluene	12.57	119	132	29.99	ug/l #	49

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
87) 1,3-Dichlorobenzene	12.49	146	61	27.15	ug/l	#	47
88) 1,4-Dichlorobenzene	12.78	146	88	39.90	ug/l	#	24
89) n-Butylbenzene	12.87	91	348	82.97	ug/l	#	31
90) Hexachloroethane	12.99	117	78	64.22	ug/l	#	13
91) 1,2-Dichlorobenzene	13.04	146	99	45.79	ug/l	#	22
92) 1,2-Dibromo-3-Chloropropan	13.69	75	63	305.29	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.29	180	76	46.30	ug/l	#	13
94) Hexachlorobutadiene	14.15	225	71	61.23	ug/l	#	18
95) Naphthalene	14.51	128	160	56.30	ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.53	180	137	84.52	ug/l	#	12

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

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