Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016041.D
Acq On : 24 Jul 2018 00:31
Operator : SJ/JU
Sample : J3762-07
Misc : LOD 1 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 24 08:11:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	37563	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	136136	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	71831	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	156950	20.00	ng		0.00
75) Chrysene-d12	21.70	240	172639	20.00	ng		0.00
86) Perylene-d12	24.07	264	186911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	277393	122.67	ng		0.00
7) Phenol-d6	7.38	99	341945	115.79	ng		0.00
23) Nitrobenzene-d5	9.42	82	265348	90.66	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	119696	131.38	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	536171	90.82	ng		0.00
78) Terphenyl-d14	20.15	244	1035354	125.54	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.56	93	1071	0.315	ng	#	76
8) 2-Chlorophenol	7.79	128	2144	0.798	ng	#	78
9) Benzaldehyde	7.42	77	1738	0.838	ng		86
10) Phenol	7.41	94	2225	0.753	ng	#	1
11) bis(2-Chloroethyl)ether	7.67	93	1348	0.578	ng	#	79
12) 1,3-Dichlorobenzene	8.13	146	2214	0.704	ng	#	78
13) 1,4-Dichlorobenzene	8.28	146	2668	0.836	ng	#	77
14) 1,2-Dichlorobenzene	8.59	146	2178	0.698	ng	#	78
15) Benzyl Alcohol	8.55	79	5026	2.137	ng	#	43
16) 2,2'-oxybis(1-Chloropropan	8.76	45	2704	0.757	ng		68
18) Hexachloroethane	9.30	117	902	0.654	ng	#	81
24) Nitrobenzene	9.46	77	2416	0.820	ng	#	83
31) Naphthalene	11.12	128	6652	0.965	ng	#	85
34) Hexachlorobutadiene	11.36	225	1389	0.809	ng	#	85
37) 2-Methylnaphthalene	12.71	142	3954	0.857	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	1738	0.711	ng	#	100
45) 1,1'-Biphenyl	13.70	154	6310	0.973	ng		97
46) 2-Chloronaphthalene	13.76	162	4027	0.799	ng	#	94
48) Acenaphthylene	14.59	152	5356	0.726	ng	#	89
49) Dimethylphthalate	14.31	163	5088	0.809	ng	#	94
50) 2,6-Dinitrotoluene	14.45	165	415	0.328	ng	#	25
51) Acenaphthene	14.92	154	4208	0.927	ng		89
54) Dibenzofuran	15.26	168	6281	0.840	ng	#	76
57) Fluorene	15.90	166	5034	0.906	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	15.49	232	835	0.616	ng	#	100
59) Diethylphthalate	15.65	149	5182	0.765	ng	#	92
62) Azobenzene	16.17	77	4323	0.606	ng	#	74
65) n-Nitrosodiphenylamine	16.10	169	3853	0.746	ng	#	89
66) 4-Bromophenyl-phenylether	16.78	248	1217	0.685	ng	#	79
67) Hexachlorobenzene	16.90	284	1418	0.725	ng	#	84
68) Atrazine	17.04	200	1139	0.615	ng	#	70
70) Phenanthrene	17.63	178	8680	0.988	ng		99
71) Anthracene	17.73	178	7419	0.869	ng	#	95
72) Carbazole	18.00	167	5477	0.619	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	18.51	149	7128	0.647	ng	#	93
74) Fluoranthene	19.62	202	8298	0.847	ng		95
77) Pyrene	19.98	202	8388	0.811	ng	#	93
79) Butylbenzylphthalate	20.83	149	4372	0.832	ng	#	80
80) Benzo(a)anthracene	21.69	228	10053	0.945	ng		95
82) Chrysene	21.74	228	9392	0.921	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	5183	0.680	ng	#	89
84) Di-n-octyl phthalate	22.48	149	9513	0.743	ng	#	81
85) Indeno(1,2,3-cd)pyrene	26.51	276	11776	0.973	ng		97
87) Benzo(b)fluoranthene	23.36	252	11118	1.010	ng	#	89
88) Benzo(k)fluoranthene	23.40	252	10718	0.961	ng	#	84
89) Benzo(a)pyrene	23.97	252	10686	1.010	ng	#	89
90) Dibenzo(a,h)anthracene	26.51	278	10322	0.942	ng		92
91) Benzo(g,h,i)perylene	27.27	276	9989	0.964	ng		95

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

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