Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035861.D
Acq On : 25 Jul 2018 00:30
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 1PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 25 03:50:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32100	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	115741	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	81455	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	229874	20.00	ng		0.00
75) Chrysene-d12	21.65	240	305260	20.00	ng		0.00
86) Perylene-d12	24.86	264	261573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	238795	123.51	ng		0.00
7) Phenol-d6	7.19	99	337047	116.84	ng		0.00
23) Nitrobenzene-d5	9.19	82	231524	83.56	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	142258	132.50	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	561275	92.32	ng		0.00
78) Terphenyl-d14	20.00	244	1350086	97.49	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.36	93	1946	0.520	ng	#	84
8) 2-Chlorophenol	7.59	128	2494	1.268	ng		79
9) Benzaldehyde	7.18	77	2233	1.262	ng		93
10) Phenol	7.23	94	2422	0.831	ng	#	40
11) bis(2-Chloroethyl)ether	7.45	93	1893	0.829	ng		93
12) 1,3-Dichlorobenzene	7.92	146	2160	0.910	ng	#	77
13) 1,4-Dichlorobenzene	8.06	146	2123	0.880	ng	#	66
14) 1,2-Dichlorobenzene	8.38	146	2541	1.096	ng	#	68
15) Benzyl Alcohol	8.27	79	314	0.120	ng	#	63
16) 2,2'-oxybis(1-Chloropropan	8.56	45	2339	1.222	ng		67
18) Hexachloroethane	9.11	117	965	1.046	ng	#	83
24) Nitrobenzene	9.22	77	2834	1.017	ng	#	88
31) Naphthalene	10.88	128	5779	0.959	ng	#	82
34) Hexachlorobutadiene	11.16	225	2080	1.138	ng	#	88
37) 2-Methylnaphthalene	12.50	142	4068	0.906	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	3182	1.035	ng		98
45) 1,1'-Biphenyl	13.49	154	6775	1.073	ng		97
46) 2-Chloronaphthalene	13.53	162	5295	1.078	ng		98
48) Acenaphthylene	14.38	152	7507	0.912	ng	#	92
49) Dimethylphthalate	14.12	163	6201	0.869	ng	#	93
50) 2,6-Dinitrotoluene	14.23	165	1033	0.711	ng	#	48
51) Acenaphthene	14.72	154	5024	0.980	ng		85
54) Dibenzofuran	15.06	168	7999	0.981	ng	#	79
57) Fluorene	15.70	166	6783	0.993	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	902	0.468	ng	#	47
59) Diethylphthalate	15.46	149	6371	0.868	ng		98
62) Azobenzene	15.97	77	6464	0.893	ng		93
65) n-Nitrosodiphenylamine	15.91	169	5196	0.794	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	1962	0.736	ng		89
67) Hexachlorobenzene	16.70	284	2597	0.946	ng		94
68) Atrazine	16.87	200	1820	0.676	ng		90
70) Phenanthrene	17.54	178	11370	0.991	ng		97
71) Anthracene	17.54	178	11370	0.996	ng		97
72) Carbazole	17.83	167	8241	0.760	ng	#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	18.36	149	9575	0.747	ng	#	91
74) Fluoranthene	19.45	202	15874	1.027	ng		98
77) Pyrene	19.81	202	17121	0.887	ng		96
79) Butylbenzylphthalate	20.68	149	5040	0.730	ng	#	94
80) Benzo(a)anthracene	21.64	228	16495	0.867	ng		95
82) Chrysene	21.64	228	16495	0.936	ng		90
83) Bis(2-ethylhexyl)phthalate	21.54	149	7642	0.814	ng	#	81
84) Di-n-octyl phthalate	22.74	149	12117	0.771	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.51	276	2865	0.147	ng	#	73
87) Benzo(b)fluoranthene	23.85	252	14968	0.941	ng	#	93
88) Benzo(k)fluoranthene	23.92	252	16090	1.035	ng	#	79
89) Benzo(a)pyrene	24.71	252	13791	0.932	ng		95
90) Dibenzo(a,h)anthracene	28.57	278	533	0.037	ng	#	45
91) Benzo(g,h,i)perylene	29.65	276	4831	0.340	ng	#	92

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

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