Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035869.D
Acq On : 25 Jul 2018 11:57
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 1PPM
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 25 13:13:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41078	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	148722	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	104236	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	274450	20.00	ng		0.00
75) Chrysene-d12	21.66	240	302187	20.00	ng		0.00
86) Perylene-d12	24.85	264	288536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	290144	117.27	ng		0.00
7) Phenol-d6	7.19	99	396812	107.49	ng		0.00
23) Nitrobenzene-d5	9.19	82	285433	80.18	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	185499	135.02	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	675580	86.83	ng		0.00
78) Terphenyl-d14	20.00	244	1422504	103.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	2018	1.602	ng	#	43
3) Pyridine	3.99	79	883	0.269	ng	#	64
4) n-Nitrosodimethylamine	3.85	42	432	0.306	ng	#	56
6) Aniline	7.37	93	2476	0.517	ng	#	66
8) 2-Chlorophenol	7.60	128	2442	0.970	ng	#	69
9) Benzaldehyde	7.18	77	3416	1.508	ng	#	58
10) Phenol	7.22	94	3360	0.901	ng	#	14
11) bis(2-Chloroethyl)ether	7.45	93	2458	0.842	ng		91
12) 1,3-Dichlorobenzene	7.91	146	3077	1.013	ng		89
13) 1,4-Dichlorobenzene	8.06	146	3098	1.003	ng		97
14) 1,2-Dichlorobenzene	8.39	146	2343	0.790	ng		92
15) Benzyl Alcohol	8.29	79	1453	0.433	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	8.55	45	2878	1.175	ng		65
17) 2-Methylphenol	8.48	107	2066	0.815	ng	#	87
18) Hexachloroethane	9.11	117	843	0.714	ng	#	86
19) n-Nitroso-di-n-propylamine	8.82	70	1856	0.597	ng	#	75
20) 3+4-Methylphenols	8.83	107	991	0.282	ng	#	76
22) Acetophenone	8.86	105	3978	0.860	ng	#	82
24) Nitrobenzene	9.22	77	3728	1.041	ng	#	77
25) Isophorone	9.76	82	5848	0.885	ng	#	87
26) 2-Nitrophenol	9.96	139	954	0.750	ng		99
27) 2,4-Dimethylphenol	10.00	122	68	0.032	ng	#	1
28) bis(2-Chloroethoxy)methane	10.28	93	2188	0.601	ng	#	86
29) 2,4-Dichlorophenol	10.54	162	61	0.025	ng	#	23
30) 1,2,4-Trichlorobenzene	10.70	180	2656	0.882	ng	#	65
31) Naphthalene	10.88	128	8116	1.048	ng	#	91
32) Benzoic acid	10.15	122	170	0.117	ng	#	1
33) 4-Chloroaniline	11.03	127	120	0.036	ng	#	46
34) Hexachlorobutadiene	11.16	225	2832	1.205	ng	#	77
35) Caprolactam	11.84	113	54	0.051	ng	#	1
36) 4-Chloro-3-methylphenol	12.15	107	926	0.281	ng	#	45
37) 2-Methylnaphthalene	12.50	142	5889	1.020	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	4036	1.026	ng		98
40) Hexachlorocyclopentadiene	12.82	237	129	0.063	ng		77

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	1402	0.609	ng	#	57
43) 2,4,5-Trichlorophenol	13.17	196	58	0.023	ng	#	64
45) 1,1'-Biphenyl	13.49	154	8661	1.072	ng		91
46) 2-Chloronaphthalene	13.53	162	6056	0.963	ng	#	90
47) 2-Nitroaniline	13.77	65	1181	0.531	ng	#	80
48) Acenaphthylene	14.38	152	10247	0.973	ng	#	87
49) Dimethylphthalate	14.11	163	7396	0.810	ng	#	87
50) 2,6-Dinitrotoluene	14.23	165	1632	0.878	ng	#	43
51) Acenaphthene	14.71	154	5987	0.913	ng		88
52) 3-Nitroaniline	14.59	138	80	0.042	ng	#	67
54) Dibenzofuran	15.05	168	10477	1.004	ng	#	93
56) 2,4-Dinitrotoluene	15.03	165	1758	0.659	ng	#	86
57) Fluorene	15.70	166	8690	0.994	ng	#	89
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1522	0.617	ng	#	57
59) Diethylphthalate	15.46	149	7741	0.824	ng		96
60) 4-Chlorophenyl-phenylether	15.70	204	4855	0.945	ng		92
61) 4-Nitroaniline	15.79	138	62	0.031	ng	#	12
62) Azobenzene	15.98	77	7852	0.848	ng		85
64) 4,6-Dinitro-2-methylphenol	16.14	198	667	0.437	ng	#	1
65) n-Nitrosodiphenylamine	15.91	169	6522	0.835	ng		94
66) 4-Bromophenyl-phenylether	16.59	248	3135	0.985	ng	#	83
67) Hexachlorobenzene	16.70	284	3203	0.977	ng	#	92
68) Atrazine	16.86	200	3185	0.990	ng		81
69) Pentachlorophenol	17.14	266	64	0.032	ng	#	19
70) Phenanthrene	17.44	178	14361	1.049	ng		95
71) Anthracene	17.53	178	13631	1.000	ng		95
72) Carbazole	17.82	167	10364	0.800	ng	#	87
73) Di-n-butylphthalate	18.35	149	13294	0.869	ng		96
74) Fluoranthene	19.45	202	17162	0.930	ng		87
77) Pyrene	19.81	202	17499	0.916	ng	#	95
79) Butylbenzylphthalate	20.69	149	6241	0.913	ng		94
80) Benzo(a)anthracene	21.70	228	18616	0.989	ng		93
81) 3,3'-Dichlorobenzidine	21.59	252	3790	0.577	ng	#	91
82) Chrysene	21.63	228	19113	1.095	ng		91
83) Bis(2-ethylhexyl)phthalate	21.54	149	10626	1.144	ng	#	95
84) Di-n-octyl phthalate	22.74	149	14643	0.941	ng	#	90
85) Indeno(1,2,3-cd)pyrene	28.51	276	7126	0.369	ng	#	56
87) Benzo(b)fluoranthene	23.85	252	15767	0.899	ng	#	90
88) Benzo(k)fluoranthene	23.91	252	16992	0.991	ng	#	85
89) Benzo(a)pyrene	24.71	252	16303	0.999	ng	#	86
90) Dibenzo(a,h)anthracene	28.58	278	12207	0.762	ng	#	90
91) Benzo(g,h,i)perylene	29.64	276	7409	0.473	ng		96

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

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