Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034121.D
Acq On : 2 May 2018 18:12
Operator : SJ/JU
Sample : PB108725BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108725BL

Quant Time: May 03 05:09:42 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73784	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	277735	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	218140	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	614674	20.00	ng	0.00
75) Chrysene-d12	21.76	240	759504	20.00	ng	-0.01
86) Perylene-d12	25.05	264	737330	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	679515	148.79	ng	0.00
7) Phenol-d6	7.22	99	990166	139.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	703502	97.19	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	477425	158.06	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1453152	97.07	ng	0.00
78) Terphenyl-d14	20.09	244	3103994	89.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	78	0.041	ng	# 1
3) Pyridine	3.96	79	70	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	532	0.162	ng	# 1
6) Aniline	7.39	93	431	0.045	ng	# 41
8) 2-Chlorophenol	7.64	128	247	0.054	ng	88
10) Phenol	7.24	94	124	0.017	ng	# 1
11) bis(2-Chloroethyl)ether	7.49	93	115	0.020	ng	# 16
12) 1,3-Dichlorobenzene	8.05	146	88	0.015	ng	# 1
13) 1,4-Dichlorobenzene	8.09	146	72	0.013	ng	# 23
14) 1,2-Dichlorobenzene	8.42	146	57	0.010	ng	# 1
15) Benzyl Alcohol	8.39	79	14792	1.950	ng	# 57
16) 2,2'-oxybis(1-Chloropropan	8.57	45	328	0.042	ng	75
17) 2-Methylphenol	8.44	107	60	0.013	ng	# 2
18) Hexachloroethane	9.16	117	61	0.025	ng	# 1
20) 3+4-Methylphenols	8.86	107	58	0.008	ng	# 24
22) Acetophenone	8.85	105	95	0.010	ng	# 50
24) Nitrobenzene	9.24	77	4056	0.512	ng	# 63
25) Isophorone	9.82	82	193	0.013	ng	# 1
26) 2-Nitrophenol	10.02	139	126	0.057	ng	# 4
27) 2,4-Dimethylphenol	10.02	122	54	0.013	ng	# 4
28) bis(2-Chloroethoxy)methane	10.33	93	148	0.020	ng	# 51
29) 2,4-Dichlorophenol	10.52	162	62	0.012	ng	# 5
30) 1,2,4-Trichlorobenzene	10.77	180	65	0.011	ng	# 12
31) Naphthalene	10.95	128	68	0.005	ng	# 68
33) 4-Chloroaniline	11.04	127	129	0.020	ng	# 1
34) Hexachlorobutadiene	11.24	225	65	0.013	ng	# 1
35) Caprolactam	11.81	113	109	0.060	ng	# 1
36) 4-Chloro-3-methylphenol	12.06	107	71	0.011	ng	# 22
37) 2-Methylnaphthalene	12.54	142	128	0.011	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	62	0.007	ng	# 25
40) Hexachlorocyclopentadiene	12.96	237	54	0.011	ng	# 22
42) 2,4,6-Trichlorophenol	13.14	196	126	0.026	ng	# 11
43) 2,4,5-Trichlorophenol	13.22	196	81	0.015	ng	# 17
45) 1,1'-Biphenyl	13.55	154	3877	0.228	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.58	162	82	0.006	ng	#	39
47) 2-Nitroaniline	13.90	65	155	0.030	ng	#	9
48) Acenaphthylene	14.49	152	188	0.009	ng	#	1
49) Dimethylphthalate	14.09	163	97	0.005	ng	#	77
51) Acenaphthene	14.71	154	1146	0.082	ng	#	22
52) 3-Nitroaniline	14.59	138	80	0.022	ng	#	1
53) 2,4-Dinitrophenol	14.77	184	183	0.129	ng	#	1
54) Dibenzofuran	15.12	168	117	0.006	ng	#	46
55) 4-Nitrophenol	14.80	139	102	0.036	ng	#	1
57) Fluorene	16.20	166	12424	0.702	ng	#	82
58) 2,3,4,6-Tetrachlorophenol	15.49	232	70	0.012	ng	#	1
59) Diethylphthalate	15.52	149	114	0.006	ng	#	58
60) 4-Chlorophenyl-phenylether	15.70	204	69	0.007	ng	#	30
61) 4-Nitroaniline	15.73	138	124	0.032	ng	#	12
62) Azobenzene	16.05	77	360	0.017	ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.91	198	172	0.060	ng	#	29
65) n-Nitrosodiphenylamine	16.20	169	17961	1.072	ng	#	42
67) Hexachlorobenzene	16.84	284	91	0.012	ng	#	41
68) Atrazine	16.95	200	135	0.930	ng	#	35
69) Pentachlorophenol	17.14	266	86	0.016	ng	#	53
70) Phenanthrene	17.51	178	99	0.003	ng	#	60
71) Anthracene	17.65	178	277	0.009	ng	#	59
72) Carbazole	17.87	167	77	0.003	ng	#	1
73) Di-n-butylphthalate	18.44	149	246	0.007	ng	#	78
74) Fluoranthene	19.52	202	63	0.002	ng		65
77) Pyrene	20.09	202	15921	0.335	ng	#	66
79) Butylbenzylphthalate	20.79	149	87	0.005	ng	#	1
80) Benzo(a)anthracene	21.75	228	2383	0.049	ng	#	61
81) 3,3'-Dichlorobenzidine	21.66	252	413	0.022	ng	#	75
82) Chrysene	21.75	228	2383	0.051	ng	#	59
83) Bis(2-ethylhexyl)phthalate	21.67	149	638	0.025	ng	#	38
84) Di-n-octyl phthalate	22.92	149	164	0.004	ng	#	74
85) Indeno(1,2,3-cd)pyrene	28.78	276	126	0.002	ng	#	53
87) Benzo(b)fluoranthene	24.00	252	97	0.002	ng	#	59
88) Benzo(k)fluoranthene	24.05	252	378	0.008	ng	#	60
89) Benzo(a)pyrene	24.87	252	120	0.003	ng	#	59
90) Dibenzo(a,h)anthracene	28.91	278	129	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.96	276	86	0.002	ng	#	56

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

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