Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
Data File : BG027764.D
Acq On : 30 Jun 2017 21:47
Operator : SJ/JU
Sample : PB100282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100282BS

Quant Time: Jul 01 01:30:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	34546	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	172581	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	114565	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	279974	20.00	ng		0.00
75) Chrysene-d12	22.19	240	301381	20.00	ng		0.01
86) Perylene-d12	25.80	264	284197	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	317206	141.40	ng		0.00
7) Phenol-d6	7.62	99	455562	132.93	ng		0.00
23) Nitrobenzene-d5	9.64	82	269727	87.12	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	245334	156.13	ng		0.00
44) 2-Fluorobiphenyl	13.70	172	706797	88.11	ng		0.00
78) Terphenyl-d14	20.40	244	1213927	94.43	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	24849	29.75	ng		94
3) Pyridine	4.43	79	81377	31.64	ng		92
4) n-Nitrosodimethylamine	4.34	42	48330	38.32	ng	#	81
6) Aniline	7.80	93	129186	32.52	ng		96
8) 2-Chlorophenol	8.04	128	116770	46.58	ng		88
9) Benzaldehyde	7.62	77	50483	24.75	ng		81
10) Phenol	7.64	94	157317	46.40	ng		82
11) bis(2-Chloroethyl)ether	7.89	93	100381	38.97	ng		98
12) 1,3-Dichlorobenzene	8.37	146	111198	41.70	ng	#	92
13) 1,4-Dichlorobenzene	8.51	146	116237	42.07	ng		97
14) 1,2-Dichlorobenzene	8.83	146	112582	42.02	ng		91
15) Benzyl Alcohol	8.71	79	102781	43.35	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.98	45	224354	40.84	ng		97
17) 2-Methylphenol	8.90	107	107463	44.80	ng	#	85
18) Hexachloroethane	9.57	117	40986	42.17	ng		81
19) n-Nitroso-di-n-propylamine	9.27	70	94750	38.00	ng	#	97
20) 3+4-Methylphenols	9.23	107	147600	42.67	ng		90
22) Acetophenone	9.30	105	171569	41.20	ng	#	91
24) Nitrobenzene	9.68	77	132701	41.00	ng	#	84
25) Isophorone	10.20	82	266659	39.51	ng	#	94
26) 2-Nitrophenol	10.40	139	65663	44.91	ng	#	73
27) 2,4-Dimethylphenol	10.44	122	130778	47.76	ng		91
28) bis(2-Chloroethoxy)methane	10.68	93	150799	39.41	ng		97
29) 2,4-Dichlorophenol	10.94	162	117703	49.04	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	107468	43.91	ng	#	93
31) Naphthalene	11.35	128	377424	41.12	ng		99
32) Benzoic acid	10.56	122	58405	37.31	ng	#	80
33) 4-Chloroaniline	11.45	127	36299	9.15	ng	#	87
34) Hexachlorobutadiene	11.62	225	63982	46.91	ng		96
35) Caprolactam	12.22	113	52701m	43.66	ng		
36) 4-Chloro-3-methylphenol	12.53	107	158132	46.83	ng		90
37) 2-Methylnaphthalene	12.92	142	292722m	42.82	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	132146	43.89	ng	#	98
40) Hexachlorocyclopentadiene	13.26	237	171341	120.71	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	103006	47.37 ng		92
43) 2,4,5-Trichlorophenol	13.58	196	116267	47.19 ng		95
45) 1,1'-Biphenyl	13.90	154	394423	42.95 ng		98
46) 2-Chloronaphthalene	13.96	162	297096	42.83 ng		98
47) 2-Nitroaniline	14.15	65	120562	43.42 ng	#	83
48) Acenaphthylene	14.80	152	513984	40.55 ng		99
49) Dimethylphthalate	14.51	163	430104	44.01 ng		97
50) 2,6-Dinitrotoluene	14.64	165	95949	45.16 ng	#	77
51) Acenaphthene	15.14	154	317732	39.11 ng		97
52) 3-Nitroaniline	14.97	138	53294	21.32 ng	#	81
53) 2,4-Dinitrophenol	15.18	184	107165	90.63 ng		94
54) Dibenzofuran	15.47	168	489112	45.53 ng		98
55) 4-Nitrophenol	15.27	139	179498	94.08 ng	#	62
56) 2,4-Dinitrotoluene	15.42	165	138740	46.82 ng	#	89
57) Fluorene	16.12	166	438972	42.15 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.69	232	110310m	51.94 ng		
59) Diethylphthalate	15.86	149	487651	45.06 ng		94
60) 4-Chlorophenyl-phenylether	16.09	204	206729	44.84 ng		94
61) 4-Nitroaniline	16.14	138	113568	43.62 ng	#	69
62) Azobenzene	16.39	77	441228	46.40 ng		93
64) 4,6-Dinitro-2-methylphenol	16.19	198	77776	44.96 ng		83
65) n-Nitrosodiphenylamine	16.31	169	400790	44.01 ng		97
66) 4-Bromophenyl-phenylether	16.99	248	137771	47.05 ng		91
67) Hexachlorobenzene	17.12	284	144684	46.66 ng		94
68) Atrazine	17.25	200	141808	49.32 ng		96
69) Pentachlorophenol	17.47	266	178330	89.29 ng		96
70) Phenanthrene	17.87	178	716412	44.32 ng		94
71) Anthracene	17.96	178	718642	44.03 ng		97
72) Carbazole	18.22	167	656156	40.82 ng		95
73) Di-n-butylphthalate	18.74	149	830260	47.00 ng	#	94
74) Fluoranthene	19.85	202	809733	45.84 ng		94
76) Benzidine	20.02	184	312218	43.82 ng		97
77) Pyrene	20.22	202	828610	43.81 ng		96
79) Butylbenzylphthalate	21.09	149	385910	45.30 ng	#	89
80) Benzo(a)anthracene	22.16	228	808542	44.37 ng		94
81) 3,3'-Dichlorobenzidine	22.06	252	168822	25.53 ng	#	99
82) Chrysene	22.24	228	753489	44.12 ng		95
83) Bis(2-ethylhexyl)phthalate	22.01	149	558104	44.83 ng	#	95
84) Di-n-octyl phthalate	23.36	149	954829	46.43 ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.96	276	935593	47.93 ng	#	94
87) Benzo(b)fluoranthene	24.64	252	809615	44.22 ng	#	94
88) Benzo(k)fluoranthene	24.72	252	796410	44.00 ng	#	93
89) Benzo(a)pyrene	25.63	252	769292	44.78 ng	#	94
90) Dibenzo(a,h)anthracene	30.04	278	788062	45.28 ng	#	94
91) Benzo(g,h,i)perylene	31.28	276	755836	45.19 ng	#	89

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

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