Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
Data File : BG025416.D
Acq On : 30 Dec 2016 16:39
Operator : UM/SJ
Sample : PB95693BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB95693BSD

Quant Time: Dec 30 22:45:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	47751	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	206933	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	159837	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	393405	20.00	ng		0.00
75) Chrysene-d12	21.87	240	570445	20.00	ng		0.00
86) Perylene-d12	25.28	264	618128	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	398732	151.78	ng		0.00
7) Phenol-d6	7.37	99	558091	150.84	ng		0.00
23) Nitrobenzene-d5	9.39	82	396581	84.66	ng		-0.01
41) 2,4,6-Tribromophenol	16.33	330	356943	138.71	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	892747	90.43	ng		0.00
78) Terphenyl-d14	20.16	244	1815351	84.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	39573	35.31	ng		97
3) Pyridine	3.99	79	116386	35.82	ng		96
4) n-Nitrosodimethylamine	3.92	42	77981	40.43	ng		95
6) Aniline	7.53	93	77069	15.37	ng	#	92
8) 2-Chlorophenol	7.77	128	132934	44.86	ng		95
9) Benzaldehyde	7.36	77	15581	5.76	ng		85
10) Phenol	7.40	94	188208	45.89	ng		96
11) bis(2-Chloroethyl)ether	7.62	93	127594	40.37	ng		94
12) 1,3-Dichlorobenzene	8.10	146	142920	39.85	ng		97
13) 1,4-Dichlorobenzene	8.24	146	146396	39.39	ng		98
14) 1,2-Dichlorobenzene	8.57	146	144219	40.66	ng		93
15) Benzyl Alcohol	8.45	79	151854	42.99	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.73	45	241852	41.32	ng		93
17) 2-Methylphenol	8.65	107	126859	47.10	ng		91
18) Hexachloroethane	9.29	117	61517	43.10	ng		97
19) n-Nitroso-di-n-propylamine	9.01	70	131413	42.05	ng		93
20) 3+4-Methylphenols	8.99	107	167343	44.89	ng		99
22) Acetophenone	9.04	105	222183	38.64	ng	#	97
24) Nitrobenzene	9.44	77	197218	38.39	ng	#	93
25) Isophorone	9.95	82	346666	40.87	ng		96
26) 2-Nitrophenol	10.15	139	75994	38.67	ng		95
27) 2,4-Dimethylphenol	10.19	122	144871	44.84	ng		95
28) bis(2-Chloroethoxy)methane	10.42	93	186374	42.31	ng		97
29) 2,4-Dichlorophenol	10.69	162	150036	43.40	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	168437	40.33	ng		92
31) Naphthalene	11.09	128	400966	38.80	ng		99
32) Benzoic acid	10.33	122	91929	35.38	ng		95
33) 4-Chloroaniline	11.22	127	31533	7.25	ng	#	89
34) Hexachlorobutadiene	11.34	225	132768	38.94	ng		97
35) Caprolactam	11.98	113	51685m	39.79	ng		
36) 4-Chloro-3-methylphenol	12.31	107	176304	41.32	ng		96
37) 2-Methylnaphthalene	12.67	142	314258	41.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	225456	42.72	ng		99
40) Hexachlorocyclopentadiene	13.00	237	207142	104.54	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	143643	43.23	ng		92
43) 2,4,5-Trichlorophenol	13.37	196	151277	43.49	ng		95
45) 1,1'-Biphenyl	13.67	154	461432	42.92	ng		93
46) 2-Chloronaphthalene	13.72	162	355708	42.35	ng		99
47) 2-Nitroaniline	13.94	65	147772	41.68	ng		97
48) Acenaphthylene	14.56	152	548223	42.11	ng		96
49) Dimethylphthalate	14.28	163	495164	42.49	ng		99
50) 2,6-Dinitrotoluene	14.42	165	109842	43.15	ng		95
51) Acenaphthene	14.90	154	347399	40.80	ng		99
52) 3-Nitroaniline	14.76	138	32506	13.28	ng	#	97
53) 2,4-Dinitrophenol	14.98	184	141188	84.29	ng	#	83
54) Dibenzofuran	15.23	168	591439	43.94	ng		96
55) 4-Nitrophenol	15.08	139	159764	87.41	ng		92
56) 2,4-Dinitrotoluene	15.21	165	163157	44.02	ng	#	87
57) Fluorene	15.88	166	474073	42.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	169043	45.37	ng		93
59) Diethylphthalate	15.62	149	515405	42.18	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	276745	43.33	ng		97
61) 4-Nitroaniline	15.92	138	95784	38.90	ng	#	83
62) Azobenzene	16.15	77	550525	46.72	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	111187	40.81	ng		89
65) n-Nitrosodiphenylamine	16.07	169	444129	41.77	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	199687	41.14	ng		93
67) Hexachlorobenzene	16.88	284	221495	39.77	ng		90
68) Atrazine	17.01	200	213301	45.78	ng		99
69) Pentachlorophenol	17.23	266	230674	79.89	ng		96
70) Phenanthrene	17.62	178	838859	41.38	ng		96
71) Anthracene	17.71	178	878336	42.64	ng		98
72) Carbazole	17.99	167	775543	42.09	ng		95
73) Di-n-butylphthalate	18.50	149	948616	41.85	ng		96
74) Fluoranthene	19.62	202	1157474	43.23	ng		93
76) Benzidine	19.81	184	283728	19.94	ng	#	96
77) Pyrene	19.98	202	1178576	39.53	ng		97
79) Butylbenzylphthalate	20.83	149	492600	41.15	ng		98
80) Benzo(a)anthracene	21.86	228	1360158	42.75	ng		95
81) 3,3'-Dichlorobenzidine	21.76	252	255760	20.70	ng	#	95
82) Chrysene	21.92	228	1262718	41.38	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	705749	42.36	ng		98
84) Di-n-octyl phthalate	22.95	149	1206719	43.63	ng		95
85) Indeno(1,2,3-cd)pyrene	29.22	276	1692250	43.63	ng	#	77
87) Benzo(b)fluoranthene	24.19	252	1407367	41.73	ng	#	96
88) Benzo(k)fluoranthene	24.26	252	1346237	41.33	ng	#	95
89) Benzo(a)pyrene	25.12	252	1357957	41.69	ng		99
90) Dibenzo(a,h)anthracene	29.25	278	1416191	41.02	ng	#	97
91) Benzo(g,h,i)perylene	30.45	276	1384972	40.37	ng	#	95

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

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