Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
Data File : BG023969.D
Acq On : 8 Sep 2016 17:38
Operator : UM/SJ
Sample : PB93297BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93297BS

Quant Time: Sep 08 18:17:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48430	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	214844	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	157904	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	409268	20.00	ng		-0.02
75) Chrysene-d12	21.82	240	440860	20.00	ng		-0.03
86) Perylene-d12	25.17	264	439393	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	409808	148.56	ng		-0.02
7) Phenol-d6	7.25	99	599701	141.23	ng		-0.01
23) Nitrobenzene-d5	9.26	82	449604	93.43	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	346219	121.70	ng		-0.01
44) 2-Fluorobiphenyl	13.36	172	921627	83.68	ng		-0.01
78) Terphenyl-d14	20.11	244	1634949	84.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	41344	36.34	ng		98
3) Pyridine	3.88	79	134792	39.42	ng		97
4) n-Nitrosodimethylamine	3.80	42	81954	45.47	ng	#	99
6) Aniline	7.40	93	188769	33.49	ng		97
8) 2-Chlorophenol	7.64	128	140424	43.94	ng		96
9) Benzaldehyde	7.21	77	23497	7.79	ng		85
10) Phenol	7.27	94	203534	45.56	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	142761	40.62	ng		86
12) 1,3-Dichlorobenzene	7.96	146	152852	40.87	ng		93
13) 1,4-Dichlorobenzene	8.11	146	160595	40.53	ng		94
14) 1,2-Dichlorobenzene	8.43	146	152493	41.00	ng		98
15) Benzyl Alcohol	8.32	79	191767	51.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	189229	40.17	ng		94
17) 2-Methylphenol	8.54	107	136251	45.27	ng		95
18) Hexachloroethane	9.16	117	67230	44.06	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	155007	41.32	ng		98
20) 3+4-Methylphenols	8.87	107	189093	45.08	ng		94
22) Acetophenone	8.91	105	226180	40.66	ng	#	99
24) Nitrobenzene	9.30	77	241073	46.59	ng		97
25) Isophorone	9.82	82	405191	43.42	ng		98
26) 2-Nitrophenol	10.02	139	86054	43.74	ng		96
27) 2,4-Dimethylphenol	10.08	122	155756	46.59	ng		95
28) bis(2-Chloroethoxy)methane	10.30	93	208274	44.20	ng		98
29) 2,4-Dichlorophenol	10.57	162	165977	46.85	ng		96
30) 1,2,4-Trichlorobenzene	10.77	180	179121	46.10	ng		96
31) Naphthalene	10.96	128	464907	42.00	ng		99
32) Benzoic acid	10.25	122	72284	26.62	ng		87
33) 4-Chloroaniline	11.08	127	94982	20.55	ng		98
34) Hexachlorobutadiene	11.23	225	138785	47.56	ng		94
35) Caprolactam	11.88	113	52289m	41.88	ng		
36) 4-Chloro-3-methylphenol	12.21	107	199643	42.18	ng		92
37) 2-Methylnaphthalene	12.57	142	366422	43.51	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	208090	39.70	ng		99
40) Hexachlorocyclopentadiene	12.90	237	265216	83.63	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	153302	43.83	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	158730	44.89	ng		92
45) 1,1'-Biphenyl	13.57	154	456818	35.97	ng		98
46) 2-Chloronaphthalene	13.62	162	399135	42.81	ng		96
47) 2-Nitroaniline	13.84	65	177684	48.38	ng		97
48) Acenaphthylene	14.47	152	635513	40.89	ng		100
49) Dimethylphthalate	14.19	163	552229	40.78	ng		99
50) 2,6-Dinitrotoluene	14.33	165	121970	42.67	ng		91
51) Acenaphthene	14.81	154	395605	41.17	ng		98
52) 3-Nitroaniline	14.67	138	78377	29.32	ng		93
53) 2,4-Dinitrophenol	14.88	184	145346	70.41	ng		87
54) Dibenzofuran	15.14	168	663524	44.24	ng		98
55) 4-Nitrophenol	15.00	139	169601	79.73	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	181953	43.31	ng	#	88
57) Fluorene	15.80	166	548435	42.17	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.38	232	166271	46.33	ng		93
59) Diethylphthalate	15.56	149	584207	40.42	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	298189	42.59	ng		96
61) 4-Nitroaniline	15.84	138	114901	42.51	ng		97
62) Azobenzene	16.08	77	667033	47.65	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	113959	40.11	ng		91
65) n-Nitrosodiphenylamine	16.00	169	495321	42.61	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	217509	43.68	ng		97
67) Hexachlorobenzene	16.81	284	235115	40.26	ng		98
68) Atrazine	16.95	200	216445	43.28	ng		94
69) Pentachlorophenol	17.16	266	243819	78.61	ng		97
70) Phenanthrene	17.55	178	940186	44.16	ng		97
71) Anthracene	17.64	178	959776	44.19	ng		97
72) Carbazole	17.92	167	840459	42.65	ng		97
73) Di-n-butylphthalate	18.45	149	1007922	42.87	ng		98
74) Fluoranthene	19.56	202	1159852	45.25	ng		94
76) Benzidine	19.75	184	476286	34.89	ng		95
77) Pyrene	19.93	202	1167822	43.07	ng		94
79) Butylbenzylphthalate	20.80	149	470229	44.99	ng		99
80) Benzo(a)anthracene	21.79	228	1163603	47.15	ng		93
81) 3,3'-Dichlorobenzidine	21.71	252	279590	28.34	ng	#	97
82) Chrysene	21.87	228	1091318	46.46	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	640732	44.77	ng		93
84) Di-n-octyl phthalate	22.92	149	1086948	46.31	ng		99
85) Indeno(1,2,3-cd)pyrene	29.01	276	1330389	51.15	ng	#	100
87) Benzo(b)fluoranthene	24.10	252	1202373	48.17	ng		99
88) Benzo(k)fluoranthene	24.17	252	1115893	45.09	ng	#	96
89) Benzo(a)pyrene	25.01	252	1139492	48.07	ng		99
90) Dibenzo(a,h)anthracene	29.07	278	1105249	47.41	ng	#	98
91) Benzo(g,h,i)perylene	30.22	276	1093990	48.80	ng		97

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

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