Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017961.D
Acq On : 18 Jul 2015 13:27
Operator : TP/UM
Sample : PB84574BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 20 03:07:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB84574BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	97172	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	433501	20.00	ng		0.00
38) Acenaphthene-d10	14.24	164	266260	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	559595	20.00	ng		0.00
75) Chrysene-d12	21.20	240	585330	20.00	ng		0.00
86) Perylene-d12	23.42	264	574085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	679370	121.96	ng		0.00
7) Phenol-d6	6.77	99	873519	119.70	ng		0.00
23) Nitrobenzene-d5	8.74	82	498569	74.49	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	328147	121.64	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	1192085	77.59	ng		0.00
78) Terphenyl-d14	19.64	244	1742249	74.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	72771	29.72	ng		92
3) Pyridine	3.53	79	194991	29.80	ng	#	87
4) n-Nitrosodimethylamine	3.45	42	85399	34.38	ng	#	67
6) Aniline	6.92	93	263724	27.10	ng		96
8) 2-Chlorophenol	7.15	128	262503	39.97	ng		97
9) Benzaldehyde	6.73	77	77218	17.27	ng		95
10) Phenol	6.80	94	304020	39.03	ng		93
11) bis(2-Chloroethyl)ether	7.02	93	224630	36.87	ng		92
12) 1,3-Dichlorobenzene	7.48	146	255026	35.37	ng		98
13) 1,4-Dichlorobenzene	7.62	146	260563	35.25	ng		99
14) 1,2-Dichlorobenzene	7.93	146	249006	35.26	ng		99
15) Benzyl Alcohol	7.83	79	201224	37.28	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.12	45	246699	33.61	ng		95
17) 2-Methylphenol	8.03	107	212005	39.04	ng		96
18) Hexachloroethane	8.65	117	96898	34.71	ng		93
19) n-Nitroso-di-n-propylamine	8.39	70	173356	32.53	ng	#	88
20) 3+4-Methylphenols	8.36	107	285101	38.79	ng		97
22) Acetophenone	8.40	105	324627	34.67	ng	#	92
24) Nitrobenzene	8.78	77	252240	35.37	ng		93
25) Isophorone	9.30	82	478517	34.09	ng		98
26) 2-Nitrophenol	9.49	139	132363	38.90	ng	#	89
27) 2,4-Dimethylphenol	9.56	122	242902	39.24	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	281593	36.00	ng		97
29) 2,4-Dichlorophenol	10.02	162	238965	43.34	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	233125	35.58	ng		98
31) Naphthalene	10.41	128	750824	35.39	ng		100
32) Benzoic acid	9.70	122	124294	49.55	ng		89
33) 4-Chloroaniline	10.53	127	205207	21.70	ng		95
34) Hexachlorobutadiene	10.70	225	132809	35.98	ng		97
35) Caprolactam	11.30	113	105911m	37.80	ng		
36) 4-Chloro-3-methylphenol	11.67	107	255958	40.89	ng		94
37) 2-Methylnaphthalene	12.04	142	553876	36.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	251086	35.18	ng		98
40) Hexachlorocyclopentadiene	12.39	237	322860	82.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	183612	39.56	ng		98
43) 2,4,5-Trichlorophenol	12.73	196	202101	41.87	ng		98
45) 1,1'-Biphenyl	13.07	154	681118	36.54	ng		98
46) 2-Chloronaphthalene	13.10	162	544836	36.06	ng		95
47) 2-Nitroaniline	13.32	65	148990	36.73	ng	#	82
48) Acenaphthylene	13.96	152	914358	36.29	ng		100
49) Dimethylphthalate	13.71	163	694719	37.56	ng		99
50) 2,6-Dinitrotoluene	13.83	165	163214	38.94	ng	#	87
51) Acenaphthene	14.31	154	549036	35.99	ng		99
52) 3-Nitroaniline	14.16	138	134852	28.62	ng		91
53) 2,4-Dinitrophenol	14.36	184	143698	67.95	ng		93
54) Dibenzofuran	14.64	168	831741	37.78	ng		99
55) 4-Nitrophenol	14.47	139	307613	82.53	ng		85
56) 2,4-Dinitrotoluene	14.62	165	222557	39.59	ng		92
57) Fluorene	15.30	166	704962	37.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.87	232	176988	42.54	ng		95
59) Diethylphthalate	15.08	149	721807	37.68	ng		99
60) 4-Chlorophenyl-phenylether	15.30	204	352246	37.97	ng		98
61) 4-Nitroaniline	15.33	138	195197	35.36	ng		93
62) Azobenzene	15.59	77	655186	37.01	ng		94
64) 4,6-Dinitro-2-methylphenol	15.38	198	117489	41.90	ng		82
65) n-Nitrosodiphenylamine	15.51	169	622333	36.99	ng		99
66) 4-Bromophenyl-phenylether	16.20	248	214868	38.32	ng		93
67) Hexachlorobenzene	16.30	284	236269	37.96	ng		93
68) Atrazine	16.47	200	221112	40.01	ng		94
69) Pentachlorophenol	16.65	266	278532	71.57	ng		98
70) Phenanthrene	17.04	178	1062019	36.79	ng		99
71) Anthracene	17.13	178	1084909	38.63	ng		97
72) Carbazole	17.41	167	1014121	38.22	ng		99
73) Di-n-butylphthalate	17.98	149	1243902	38.24	ng		98
74) Fluoranthene	19.07	202	1194867	37.81	ng		99
76) Benzidine	19.26	184	505847	30.43	ng		97
77) Pyrene	19.43	202	1231040	37.71	ng		99
79) Butylbenzylphthalate	20.35	149	593383	40.59	ng		90
80) Benzo(a)anthracene	21.18	228	1167916	37.78	ng		99
81) 3,3'-Dichlorobenzidine	21.12	252	290529	25.92	ng		98
82) Chrysene	21.24	228	1092198	37.09	ng		99
83) Bis(2-ethylhexyl)phthalate	21.13	149	811488	40.31	ng		97
84) Di-n-octyl phthalate	22.00	149	1314957	41.46	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.67	276	1329939	37.35	ng		99
87) Benzo(b)fluoranthene	22.75	252	1168516	37.20	ng		97
88) Benzo(k)fluoranthene	22.79	252	1169481	37.29	ng		99
89) Benzo(a)pyrene	23.32	252	1131460	38.66	ng		98
90) Dibenzo(a,h)anthracene	25.68	278	1133203	37.34	ng		98
91) Benzo(g,h,i)perylene	26.35	276	1097483	37.51	ng		99

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

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