Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
Data File : BG018030.D
Acq On : 21 Jul 2015 19:58
Operator : TP/UM
Sample : PB84537BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB84537BS

Quant Time: Jul 22 02:12:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 01:57:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	48033	20.00	ng		-0.02
21) Naphthalene-d8	10.33	136	217831	20.00	ng		-0.02
38) Acenaphthene-d10	14.21	164	149564	20.00	ng		-0.02
63) Phenanthrene-d10	16.97	188	397584	20.00	ng		-0.02
75) Chrysene-d12	21.17	240	463168	20.00	ng		-0.02
86) Perylene-d12	23.36	264	452262	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	341760	124.12	ng		-0.02
7) Phenol-d6	6.74	99	455248	126.20	ng		-0.02
23) Nitrobenzene-d5	8.71	82	252296	75.02	ng		-0.02
41) 2,4,6-Tribromophenol	15.71	330	257088	169.66	ng		-0.02
44) 2-Fluorobiphenyl	12.82	172	698815	80.97	ng		-0.02
78) Terphenyl-d14	19.62	244	1397512	76.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	29671	24.52	ng		94
3) Pyridine	3.48	79	84761	26.21	ng	#	84
4) n-Nitrosodimethylamine	3.40	42	33004	26.88	ng	#	66
6) Aniline	6.88	93	116095	24.14	ng		92
8) 2-Chlorophenol	7.12	128	134527	41.44	ng		94
9) Benzaldehyde	6.70	77	23688	10.72	ng		87
10) Phenol	6.77	94	154769	40.20	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	104662	34.75	ng		87
12) 1,3-Dichlorobenzene	7.44	146	129026	36.20	ng		95
13) 1,4-Dichlorobenzene	7.58	146	135193	37.00	ng		97
14) 1,2-Dichlorobenzene	7.89	146	128016	36.67	ng		98
15) Benzyl Alcohol	7.79	79	103781	38.89	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.09	45	108713	29.97	ng		94
17) 2-Methylphenol	8.00	107	108722	40.50	ng		97
18) Hexachloroethane	8.62	117	47133	34.15	ng		92
19) n-Nitroso-di-n-propylamine	8.36	70	86268	32.75	ng	#	82
20) 3+4-Methylphenols	8.33	107	151718	41.76	ng		97
22) Acetophenone	8.37	105	166708	35.43	ng	#	90
24) Nitrobenzene	8.75	77	126235	35.23	ng	#	84
25) Isophorone	9.27	82	252071	35.74	ng		94
26) 2-Nitrophenol	9.45	139	79572	46.54	ng	#	87
27) 2,4-Dimethylphenol	9.52	122	134654	43.29	ng		96
28) bis(2-Chloroethoxy)methane	9.76	93	140506	35.75	ng		98
29) 2,4-Dichlorophenol	9.99	162	134471	48.53	ng		95
30) 1,2,4-Trichlorobenzene	10.20	180	125924	38.25	ng		99
31) Naphthalene	10.38	128	396048	37.15	ng		99
32) Benzoic acid	9.63	122	32207	33.86	ng		93
33) 4-Chloroaniline	10.50	127	101856	21.43	ng	#	91
34) Hexachlorobutadiene	10.67	225	71493	38.54	ng		95
35) Caprolactam	11.29	113	85296	60.58	ng	#	79
36) 4-Chloro-3-methylphenol	11.64	107	147822	47.00	ng		92
37) 2-Methylnaphthalene	12.01	142	302226	39.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	143031	35.68	ng		97
40) Hexachlorocyclopentadiene	12.36	237	178749	81.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	114122	43.77	ng		97
43) 2,4,5-Trichlorophenol	12.71	196	126208	46.55	ng	#	93
45) 1,1'-Biphenyl	13.04	154	388548	37.11	ng		97
46) 2-Chloronaphthalene	13.08	162	305413	35.99	ng		95
47) 2-Nitroaniline	13.29	65	89756	39.39	ng	#	76
48) Acenaphthylene	13.93	152	537596	37.99	ng		99
49) Dimethylphthalate	13.68	163	455142	43.81	ng		100
50) 2,6-Dinitrotoluene	13.80	165	106206	45.11	ng	#	79
51) Acenaphthene	14.28	154	319640	37.30	ng		99
52) 3-Nitroaniline	14.13	138	71160	26.89	ng		86
53) 2,4-Dinitrophenol	14.34	184	140286	93.10	ng	#	87
54) Dibenzofuran	14.62	168	509831	41.23	ng		95
55) 4-Nitrophenol	14.46	139	236761	113.08	ng	#	78
56) 2,4-Dinitrotoluene	14.59	165	160748	50.91	ng	#	82
57) Fluorene	15.27	166	448025	42.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	125967	53.90	ng		94
59) Diethylphthalate	15.06	149	514292	47.79	ng		98
60) 4-Chlorophenyl-phenylether	15.27	204	220322	42.28	ng		94
61) 4-Nitroaniline	15.30	138	151442	48.84	ng		85
62) Azobenzene	15.56	77	374069	37.62	ng		86
64) 4,6-Dinitro-2-methylphenol	15.36	198	111175	51.19	ng		80
65) n-Nitrosodiphenylamine	15.49	169	415123	34.72	ng		98
66) 4-Bromophenyl-phenylether	16.16	248	148266	37.22	ng		91
67) Hexachlorobenzene	16.27	284	159815	36.14	ng		93
68) Atrazine	16.45	200	173062	44.07	ng		97
69) Pentachlorophenol	16.62	266	242273	81.88	ng		99
70) Phenanthrene	17.01	178	784634	38.26	ng		99
71) Anthracene	17.10	178	798446	40.02	ng		98
72) Carbazole	17.38	167	789312	41.87	ng		99
73) Di-n-butylphthalate	17.95	149	934810	40.45	ng		98
74) Fluoranthene	19.03	202	938770	41.81	ng		98
76) Benzidine	19.23	184	404619	30.76	ng		100
77) Pyrene	19.40	202	960169	37.17	ng		98
79) Butylbenzylphthalate	20.32	149	432178	37.36	ng		87
80) Benzo(a)anthracene	21.15	228	908640	37.14	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	190375	21.46	ng	#	97
82) Chrysene	21.20	228	846262	36.32	ng		99
83) Bis(2-ethylhexyl)phthalate	21.10	149	599345	37.62	ng	#	96
84) Di-n-octyl phthalate	21.96	149	1009846	40.24	ng	#	88
85) Indeno(1,2,3-cd)pyrene	25.59	276	1082437	38.42	ng		96
87) Benzo(b)fluoranthene	22.71	252	962662	38.90	ng		96
88) Benzo(k)fluoranthene	22.75	252	888017	35.94	ng		98
89) Benzo(a)pyrene	23.27	252	907815	39.38	ng		98
90) Dibenzo(a,h)anthracene	25.61	278	941659	39.39	ng		96
91) Benzo(g,h,i)perylene	26.28	276	889324	38.58	ng		96

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

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