Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019943.D
Acq On : 5 Dec 2015 15:43
Operator : UM/NP
Sample : PB87030BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Manual Integrations APPROVED
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12/7/2015 6:31:36 PM

Quant Time: Dec 07 02:16:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	47520	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	211300	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	155670	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	408950	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	494610	20.00	ng		-0.03
86) Perylene-d12	25.05	264	472863	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	208906	79.45	ng		0.00
7) Phenol-d6	7.26	99	305240	76.89	ng		-0.01
23) Nitrobenzene-d5	9.28	82	197023	47.59	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	163787	68.76	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	482135	42.29	ng		-0.02
78) Terphenyl-d14	20.09	244	880493	43.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	21272	20.77	ng	#	100
3) Pyridine	3.93	79	69132	22.22	ng	#	87
4) n-Nitrosodimethylamine	3.84	42	33862	20.70	ng		93
6) Aniline	7.43	93	57119	11.11	ng	#	84
8) 2-Chlorophenol	7.67	128	79704	24.86	ng		93
9) Benzaldehyde	7.25	77	27226	10.28	ng		94
10) Phenol	7.29	94	107707	25.78	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	72321	23.37	ng		89
12) 1,3-Dichlorobenzene	8.00	146	79793	21.96	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	84610	22.54	ng		96
14) 1,2-Dichlorobenzene	8.47	146	80684	22.54	ng		92
15) Benzyl Alcohol	8.35	79	84173	24.16	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	110512	21.90	ng		92
17) 2-Methylphenol	8.55	107	73248	24.83	ng	#	87
18) Hexachloroethane	9.21	117	30760	21.89	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	66411	21.21	ng		91
20) 3+4-Methylphenols	8.88	107	103364	24.89	ng		94
22) Acetophenone	8.94	105	119684	20.66	ng	#	93
24) Nitrobenzene	9.33	77	101707	22.65	ng		92
25) Isophorone	9.85	82	181505	20.45	ng		96
26) 2-Nitrophenol	10.04	139	43452	25.05	ng	#	79
27) 2,4-Dimethylphenol	10.09	122	84611	23.42	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	104072	23.99	ng		99
29) 2,4-Dichlorophenol	10.57	162	92265	25.00	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	87435	20.97	ng		98
31) Naphthalene	10.98	128	249323	22.03	ng		99
32) Benzoic acid	10.21	122	62174	28.35	ng	#	84
33) 4-Chloroaniline	11.08	127	32659	6.55	ng	#	88
34) Hexachlorobutadiene	11.26	225	61700	20.06	ng		96
35) Caprolactam	11.86	113	33871m	24.66	ng		
36) 4-Chloro-3-methylphenol	12.19	107	109495	23.83	ng		95
37) 2-Methylnaphthalene	12.58	142	192980	23.26	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	117593	19.91	ng		98
40) Hexachlorocyclopentadiene	12.93	237	130515	38.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	87174	22.29	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	96925	23.45	ng		97
45) 1,1'-Biphenyl	13.58	154	256414	20.07	ng		98
46) 2-Chloronaphthalene	13.63	162	209004	21.22	ng		96
47) 2-Nitroaniline	13.82	65	77508	24.92	ng		90
48) Acenaphthylene	14.47	152	356775	21.27	ng		99
49) Dimethylphthalate	14.20	163	290460	20.74	ng		98
50) 2,6-Dinitrotoluene	14.31	165	63742	24.21	ng	#	79
51) Acenaphthene	14.81	154	247767	24.34	ng		97
52) 3-Nitroaniline	14.64	138	37734	13.80	ng		96
53) 2,4-Dinitrophenol	14.84	184	66952	51.52	ng	#	87
54) Dibenzofuran	15.14	168	357420	23.61	ng		94
55) 4-Nitrophenol	14.94	139	112336	47.16	ng	#	70
56) 2,4-Dinitrotoluene	15.10	165	94834	25.82	ng	#	87
57) Fluorene	15.79	166	288636	21.30	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	96508	25.23	ng		96
59) Diethylphthalate	15.55	149	311277	20.54	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	159305	20.47	ng		98
61) 4-Nitroaniline	15.80	138	70727	22.99	ng	#	73
62) Azobenzene	16.07	77	295689	23.45	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	53008	26.24	ng		95
65) n-Nitrosodiphenylamine	15.99	169	266411	22.51	ng		96
66) 4-Bromophenyl-phenylether	16.68	248	105141	20.69	ng		94
67) Hexachlorobenzene	16.79	284	114697	21.67	ng		99
68) Atrazine	16.93	200	112153	21.81	ng		97
69) Pentachlorophenol	17.13	266	149844	48.50	ng		95
70) Phenanthrene	17.53	178	506333	21.88	ng		97
71) Anthracene	17.62	178	515425	21.87	ng		97
72) Carbazole	17.89	167	461729	22.24	ng		98
73) Di-n-butylphthalate	18.44	149	553128	21.74	ng		98
74) Fluoranthene	19.53	202	646756	21.85	ng		94
76) Benzidine	19.71	184	141674	8.72	ng		96
77) Pyrene	19.89	202	653436	22.46	ng		96
79) Butylbenzylphthalate	20.77	149	258660	22.68	ng		99
80) Benzo(a)anthracene	21.74	228	668100	22.07	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	124760	10.82	ng	#	98
82) Chrysene	21.81	228	609087	21.19	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	372029	22.23	ng		96
84) Di-n-octyl phthalate	22.89	149	635238	23.34	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	743931	23.49	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	645184	21.53	ng	#	97
88) Benzo(k)fluoranthene	24.07	252	627589	21.14	ng	#	94
89) Benzo(a)pyrene	24.89	252	620923	21.82	ng	#	95
90) Dibenzo(a,h)anthracene	28.86	278	613884	21.84	ng	#	95
91) Benzo(g,h,i)perylene	29.96	276	612416	22.19	ng	#	92

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

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