Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016594.D
Acq On : 21 Apr 2015 21:33
Operator : TP/IZ
Sample : PB82905BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82905BS

Manual Integrations APPROVED
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4/22/2015 5:21:06 PM

Quant Time: Apr 22 04:52:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	50201	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	208408	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	115538	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	263746	20.00	ng	0.00
75) Chrysene-d12	21.21	240	291602	20.00	ng	0.00
86) Perylene-d12	23.43	264	274134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	351702	112.28	ng	0.00
7) Phenol-d6	6.83	99	472990	108.08	ng	0.00
23) Nitrobenzene-d5	8.79	82	237893	70.29	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	90956	115.91	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	524719	75.21	ng	0.00
78) Terphenyl-d14	19.66	244	821844	67.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	42996	30.52	ng	94
3) Pyridine	3.50	79	114309	29.34	ng	98
4) n-Nitrosodimethylamine	3.42	42	37403	32.07	ng	99
6) Aniline	6.96	93	120272	19.90	ng	98
8) 2-Chlorophenol	7.21	128	132860	35.53	ng	97
9) Benzaldehyde	6.78	77	13115	6.59	ng	95
10) Phenol	6.85	94	162894	35.19	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	117884	32.53	ng	99
12) 1,3-Dichlorobenzene	7.52	146	129999	33.30	ng	97
13) 1,4-Dichlorobenzene	7.67	146	130602	32.86	ng	99
14) 1,2-Dichlorobenzene	7.98	146	125307	33.14	ng	98
15) Benzyl Alcohol	7.88	79	90668	32.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.17	45	119093	33.94	ng	99
17) 2-Methylphenol	8.09	107	106976	34.29	ng	99
18) Hexachloroethane	8.70	117	47436	33.24	ng	95
19) n-Nitroso-di-n-propylamine	8.44	70	82456	29.14	ng	97
20) 3+4-Methylphenols	8.42	107	142802	33.24	ng	99
22) Acetophenone	8.46	105	162524	35.01	ng	99
24) Nitrobenzene	8.83	77	119177	33.83	ng	99
25) Isophorone	9.35	82	219833	31.72	ng	99
26) 2-Nitrophenol	9.54	139	68289	35.11	ng	99
27) 2,4-Dimethylphenol	9.61	122	124919	37.77	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	145195	34.94	ng	97
29) 2,4-Dichlorophenol	10.08	162	105264	38.49	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	103259	35.51	ng	94
31) Naphthalene	10.47	128	376658	34.62	ng	99
32) Benzoic acid	9.77	122	23523	26.67	ng	97
33) 4-Chloroaniline	10.60	127	74484	14.97	ng	98
34) Hexachlorobutadiene	10.75	225	45990	35.59	ng	98
35) Caprolactam	11.34	113	49965m	31.55	ng	
36) 4-Chloro-3-methylphenol	11.73	107	115771	35.06	ng	98
37) 2-Methylnaphthalene	12.09	142	266615	34.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	92566	34.83	ng	99
40) Hexachlorocyclopentadiene	12.44	237	73513	68.97	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	66452	35.31	ng		95
43) 2,4,5-Trichlorophenol	12.79	196	73954	36.85	ng	#	97
45) 1,1'-Biphenyl	13.11	154	327992	36.86	ng		98
46) 2-Chloronaphthalene	13.15	162	246754	36.21	ng		98
47) 2-Nitroaniline	13.37	65	70538	35.49	ng		94
48) Acenaphthylene	14.00	152	421238	34.82	ng		99
49) Dimethylphthalate	13.74	163	300636	35.19	ng		99
50) 2,6-Dinitrotoluene	13.87	165	73480	35.02	ng		98
51) Acenaphthene	14.34	154	252882	35.03	ng		99
52) 3-Nitroaniline	14.20	138	61159	23.60	ng		100
53) 2,4-Dinitrophenol	14.41	184	61476	64.93	ng		98
54) Dibenzofuran	14.68	168	374026	36.80	ng		99
55) 4-Nitrophenol	14.53	139	156147	79.61	ng		97
56) 2,4-Dinitrotoluene	14.66	165	106807	36.99	ng		99
57) Fluorene	15.33	166	322310	35.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.91	232	56837	37.54	ng		99
59) Diethylphthalate	15.11	149	323631	35.56	ng		99
60) 4-Chlorophenyl-phenylether	15.33	204	131676	35.81	ng		97
61) 4-Nitroaniline	15.36	138	105098	35.40	ng		98
62) Azobenzene	15.62	77	327467	38.76	ng		98
64) 4,6-Dinitro-2-methylphenol	15.43	198	55734	32.19	ng		92
65) n-Nitrosodiphenylamine	15.54	169	295049	33.37	ng		99
66) 4-Bromophenyl-phenylether	16.22	248	71015	34.20	ng		99
67) Hexachlorobenzene	16.34	284	73692	33.98	ng		91
68) Atrazine	16.49	200	95300	38.55	ng		97
69) Pentachlorophenol	16.68	266	70706	64.29	ng		98
70) Phenanthrene	17.06	178	525647	35.01	ng		98
71) Anthracene	17.16	178	531353	35.61	ng		100
72) Carbazole	17.43	167	589050	38.70	ng		100
73) Di-n-butylphthalate	17.99	149	713111	38.49	ng		99
74) Fluoranthene	19.09	202	630728	39.00	ng		99
76) Benzidine	19.27	184	355835	33.00	ng		99
77) Pyrene	19.45	202	680279	34.73	ng		99
79) Butylbenzylphthalate	20.35	149	363977	35.50	ng		98
80) Benzo(a)anthracene	21.19	228	621169	35.32	ng		100
81) 3,3'-Dichlorobenzidine	21.13	252	137947	23.69	ng		96
82) Chrysene	21.24	228	587007	34.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.12	149	505432	35.91	ng		99
84) Di-n-octyl phthalate	21.99	149	839445	35.92	ng		99
85) Indeno(1,2,3-cd)pyrene	25.69	276	627721	33.88	ng		100
87) Benzo(b)fluoranthene	22.76	252	591830	36.18	ng		99
88) Benzo(k)fluoranthene	22.80	252	557578	34.75	ng		99
89) Benzo(a)pyrene	23.33	252	564802	36.37	ng		98
90) Dibenzo(a,h)anthracene	25.69	278	524445	34.75	ng		99
91) Benzo(g,h,i)perylene	26.38	276	534760	35.12	ng		97

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

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