Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
Data File : BG018668.D
Acq On : 14 Sep 2015 18:59
Operator : UM/IZ
Sample : PB85519BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85519BSD

Manual Integrations APPROVED
MMDadoda
9/15/2015 1:34:12 PM

Quant Time: Sep 15 05:24:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 01:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	54558	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	229797	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	155265	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	454557	20.00	ng		0.00
75) Chrysene-d12	21.63	240	493430	20.00	ng		0.00
86) Perylene-d12	24.82	264	499078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	265949	84.21	ng		0.00
7) Phenol-d6	7.16	99	376715	83.19	ng		0.00
23) Nitrobenzene-d5	9.16	82	308494	75.12	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	180529	86.35	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	824128	73.68	ng		0.00
78) Terphenyl-d14	19.98	244	1488764	79.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	40676	30.81	ng	#	100
3) Pyridine	3.87	79	122857	30.02	ng		96
4) n-Nitrosodimethylamine	3.78	42	45295	31.78	ng	#	73
6) Aniline	7.32	93	124328	19.92	ng		93
8) 2-Chlorophenol	7.57	128	149037	40.87	ng		96
9) Benzaldehyde	7.13	77	64358	26.40	ng		99
10) Phenol	7.19	94	200118	41.83	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	139662	37.67	ng		99
12) 1,3-Dichlorobenzene	7.89	146	152962	36.05	ng		95
13) 1,4-Dichlorobenzene	8.04	146	159641	37.52	ng		96
14) 1,2-Dichlorobenzene	8.36	146	151888	37.38	ng		94
15) Benzyl Alcohol	8.23	79	126321	38.70	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	160853	38.21	ng		99
17) 2-Methylphenol	8.44	107	136646	41.11	ng		98
18) Hexachloroethane	9.09	117	54977	36.13	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	108478	34.01	ng		98
20) 3+4-Methylphenols	8.77	107	187359	40.14	ng		94
22) Acetophenone	8.82	105	221673	38.08	ng	#	98
24) Nitrobenzene	9.20	77	162431	37.25	ng		99
25) Isophorone	9.72	82	310175	35.12	ng		100
26) 2-Nitrophenol	9.92	139	78722	38.69	ng		98
27) 2,4-Dimethylphenol	9.97	122	148744	40.26	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	192408	37.94	ng		99
29) 2,4-Dichlorophenol	10.45	162	158649	42.49	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	156946	37.93	ng		95
31) Naphthalene	10.86	128	466174	37.88	ng		99
32) Benzoic acid	10.09	122	106176	36.83	ng		96
33) 4-Chloroaniline	10.96	127	71217	12.79	ng		96
34) Hexachlorobutadiene	11.14	225	91165	37.37	ng		99
35) Caprolactam	11.72	113	64177m	39.98	ng		
36) 4-Chloro-3-methylphenol	12.08	107	178478	42.85	ng		99
37) 2-Methylnaphthalene	12.46	142	348501	38.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	181959	36.95	ng		97
40) Hexachlorocyclopentadiene	12.81	237	215120	86.98	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	135108	39.62	ng		98
43) 2,4,5-Trichlorophenol	13.14	196	152708	40.82	ng		98
45) 1,1'-Biphenyl	13.46	154	465404	37.69	ng		98
46) 2-Chloronaphthalene	13.51	162	363336	38.20	ng		98
47) 2-Nitroaniline	13.70	65	115261	40.27	ng		96
48) Acenaphthylene	14.35	152	643781	38.28	ng		98
49) Dimethylphthalate	14.08	163	501470	39.00	ng		99
50) 2,6-Dinitrotoluene	14.20	165	114840	41.11	ng		99
51) Acenaphthene	14.70	154	375083	38.34	ng		99
52) 3-Nitroaniline	14.53	138	66936	20.05	ng		91
53) 2,4-Dinitrophenol	14.74	184	112042	79.32	ng		98
54) Dibenzofuran	15.02	168	621322	40.87	ng		99
55) 4-Nitrophenol	14.84	139	237553	92.18	ng		97
56) 2,4-Dinitrotoluene	14.99	165	175764	44.37	ng	#	95
57) Fluorene	15.68	166	530635	40.54	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.25	232	149629	42.65	ng		97
59) Diethylphthalate	15.44	149	533744	39.80	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	253515	40.31	ng		98
61) 4-Nitroaniline	15.69	138	146782	40.78	ng		96
62) Azobenzene	15.96	77	491222	41.45	ng		99
64) 4,6-Dinitro-2-methylphenol	15.75	198	86102	36.60	ng		93
65) n-Nitrosodiphenylamine	15.88	169	477256	36.25	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	174492	37.74	ng		97
67) Hexachlorobenzene	16.68	284	194577	38.74	ng		97
68) Atrazine	16.83	200	209846	40.09	ng		97
69) Pentachlorophenol	17.02	266	255460	82.47	ng		93
70) Phenanthrene	17.42	178	926624	38.76	ng		99
71) Anthracene	17.50	178	948536	39.18	ng		99
72) Carbazole	17.77	167	941656	40.19	ng		100
73) Di-n-butylphthalate	18.33	149	1111518	40.22	ng		100
74) Fluoranthene	19.42	202	1186039	40.05	ng		99
76) Benzidine	19.60	184	387151	26.13	ng		99
77) Pyrene	19.78	202	1213881	40.03	ng		99
79) Butylbenzylphthalate	20.66	149	490803	39.81	ng		99
80) Benzo(a)anthracene	21.61	228	1129204	39.75	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	243086	22.52	ng		99
82) Chrysene	21.68	228	1025671	38.34	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	713521	40.12	ng		99
84) Di-n-octyl phthalate	22.72	149	1228784	40.85	ng		99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1341974	39.51	ng	#	100
87) Benzo(b)fluoranthene	23.81	252	1168438	40.37	ng		97
88) Benzo(k)fluoranthene	23.87	252	1162827	40.11	ng		99
89) Benzo(a)pyrene	24.67	252	1137808	41.32	ng		99
90) Dibenzo(a,h)anthracene	28.51	278	1080202	39.84	ng		97
91) Benzo(g,h,i)perylene	29.58	276	1108366	40.14	ng		99

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

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