Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016372.D
Acq On : 13 Apr 2015 21:55
Operator : TP/IZ
Sample : PB82615BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82615BS

Manual Integrations APPROVED
apatel
4/14/2015 5:28:35 PM

Quant Time: Apr 14 03:42:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 02:12:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	83993	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	361516	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	202884	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	414487	20.00	ng		0.00
75) Chrysene-d12	21.24	240	373161	20.00	ng		0.00
86) Perylene-d12	23.47	264	350798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	665974	125.13	ng		0.01
7) Phenol-d6	6.86	99	912915	114.27	ng		0.00
23) Nitrobenzene-d5	8.83	82	473030	75.80	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	181402	132.21	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	977703	82.05	ng		0.00
78) Terphenyl-d14	19.69	244	1159569	72.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	73774	30.49	ng		99
3) Pyridine	3.54	79	217883	30.13	ng		95
4) n-Nitrosodimethylamine	3.46	42	70743	32.91	ng		95
6) Aniline	7.01	93	165058	14.47	ng		98
8) 2-Chlorophenol	7.24	128	248698	38.91	ng		97
9) Benzaldehyde	6.82	77	60726	12.98	ng		95
10) Phenol	6.89	94	320910	37.54	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	227859	33.43	ng		98
12) 1,3-Dichlorobenzene	7.57	146	233771	36.22	ng		97
13) 1,4-Dichlorobenzene	7.71	146	239130	35.72	ng		95
14) 1,2-Dichlorobenzene	8.02	146	228278	35.65	ng		99
15) Benzyl Alcohol	7.92	79	187719	33.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	247573	32.25	ng		98
17) 2-Methylphenol	8.13	107	208167	36.32	ng		97
18) Hexachloroethane	8.75	117	87358	34.11	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	168877	29.50	ng		97
20) 3+4-Methylphenols	8.46	107	283018	35.65	ng		97
22) Acetophenone	8.49	105	314516	37.52	ng	#	99
24) Nitrobenzene	8.88	77	239492	35.89	ng		95
25) Isophorone	9.39	82	457541	33.02	ng		98
26) 2-Nitrophenol	9.58	139	136148	43.75	ng		98
27) 2,4-Dimethylphenol	9.65	122	239549	41.33	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	284344	35.94	ng		100
29) 2,4-Dichlorophenol	10.12	162	204192	44.52	ng		98
30) 1,2,4-Trichlorobenzene	10.33	180	192392	40.18	ng		98
31) Naphthalene	10.51	128	703962	37.37	ng		99
32) Benzoic acid	9.79	122	129800	36.81	ng		95
33) 4-Chloroaniline	10.63	127	95622	10.82	ng		98
34) Hexachlorobutadiene	10.80	225	82673	39.30	ng		99
35) Caprolactam	11.39	113	113536m	39.32	ng		
36) 4-Chloro-3-methylphenol	11.77	107	242124	39.96	ng		97
37) 2-Methylnaphthalene	12.13	142	509961	37.63	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	175073	39.19	ng		99
40) Hexachlorocyclopentadiene	12.48	237	169557	82.93	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	140367	42.29	ng	97
43) 2,4,5-Trichlorophenol	12.82	196	157503	44.41	ng	96
45) 1,1'-Biphenyl	13.15	154	614542	39.49	ng	98
46) 2-Chloronaphthalene	13.19	162	461693	38.94	ng	100
47) 2-Nitroaniline	13.40	65	147880	38.70	ng	94
48) Acenaphthylene	14.04	152	794375	37.68	ng	98
49) Dimethylphthalate	13.78	163	572131	38.48	ng	99
50) 2,6-Dinitrotoluene	13.90	165	144418	40.16	ng	98
51) Acenaphthene	14.38	154	482628	38.31	ng	99
52) 3-Nitroaniline	14.23	138	73327	15.97	ng	95
53) 2,4-Dinitrophenol	14.44	184	132601	65.40	ng	97
54) Dibenzofuran	14.72	168	697793	39.91	ng	98
55) 4-Nitrophenol	14.56	139	311789	82.15	ng	98
56) 2,4-Dinitrotoluene	14.69	165	203502	41.55	ng	93
57) Fluorene	15.37	166	602602	39.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	122329	44.70	ng	94
59) Diethylphthalate	15.14	149	603750	38.14	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	247568	39.24	ng	97
61) 4-Nitroaniline	15.40	138	191904	36.81	ng	99
62) Azobenzene	15.66	77	626951	37.22	ng	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	105280	37.05	ng	90
65) n-Nitrosodiphenylamine	15.58	169	545891	38.96	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	132478	40.03	ng	94
67) Hexachlorobenzene	16.37	284	135735	39.46	ng	99
68) Atrazine	16.53	200	169693	43.45	ng	98
69) Pentachlorophenol	16.71	266	173954	82.82	ng	98
70) Phenanthrene	17.10	178	897445	38.49	ng	99
71) Anthracene	17.20	178	916646	39.68	ng	100
72) Carbazole	17.47	167	950271	40.98	ng	99
73) Di-n-butylphthalate	18.03	149	1111400	39.17	ng	99
74) Fluoranthene	19.12	202	948604	39.48	ng	98
76) Benzidine	19.30	184	234688	14.83	ng	97
77) Pyrene	19.48	202	991201	38.15	ng	99
79) Butylbenzylphthalate	20.38	149	527709	41.34	ng	98
80) Benzo(a)anthracene	21.22	228	856564	38.84	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	145227	20.02	ng	98
82) Chrysene	21.27	228	819105	38.47	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	723222	41.85	ng	98
84) Di-n-octyl phthalate	22.02	149	1214373	43.13	ng	98
85) Indeno(1,2,3-cd)pyrene	25.75	276	909380	41.11	ng	99
87) Benzo(b)fluoranthene	22.79	252	822801	40.05	ng	99
88) Benzo(k)fluoranthene	22.84	252	801212	39.85	ng	99
89) Benzo(a)pyrene	23.37	252	796196	41.35	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	755287	40.31	ng	99
91) Benzo(g,h,i)perylene	26.44	276	772838	41.29	ng	97

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

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