Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016253.D
Acq On : 7 Apr 2015 13:06
Operator : TP/IZ
Sample : PB82469BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82469BS

Manual Integrations APPROVED
apatel
4/7/2015 5:08:37 PM

Quant Time: Apr 07 15:34:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	68229	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	322663	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	191617	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	411605	20.00	ng		0.00
75) Chrysene-d12	21.26	240	381636	20.00	ng		0.00
86) Perylene-d12	23.50	264	361173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	613705	141.96	ng		0.00
7) Phenol-d6	6.88	99	882144	135.92	ng		0.00
23) Nitrobenzene-d5	8.86	82	458989	82.41	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	185974	143.51	ng		0.00
44) 2-Fluorobiphenyl	12.96	172	957044	85.04	ng		0.00
78) Terphenyl-d14	19.71	244	1240906	76.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	63569	32.35	ng		97
3) Pyridine	3.57	79	184784	31.46	ng		98
4) n-Nitrosodimethylamine	3.49	42	65248	37.37	ng		99
6) Aniline	7.03	93	208163	22.46	ng		97
8) 2-Chlorophenol	7.27	128	234301	45.13	ng		97
9) Benzaldehyde	6.84	77	135415	35.62	ng		100
10) Phenol	6.90	94	308335	44.40	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	213789	38.61	ng		98
12) 1,3-Dichlorobenzene	7.59	146	203577	38.83	ng		98
13) 1,4-Dichlorobenzene	7.74	146	209370	38.50	ng		97
14) 1,2-Dichlorobenzene	8.05	146	202713	38.97	ng		99
15) Benzyl Alcohol	7.94	79	189570	41.90	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	243665	39.07	ng		99
17) 2-Methylphenol	8.15	107	203467	43.70	ng		96
18) Hexachloroethane	8.77	117	78072	37.52	ng		94
19) n-Nitroso-di-n-propylamine	8.51	70	166877	35.89	ng		97
20) 3+4-Methylphenols	8.47	107	279153	43.28	ng		98
22) Acetophenone	8.52	105	302175	40.39	ng	#	98
24) Nitrobenzene	8.90	77	232239	38.99	ng		97
25) Isophorone	9.42	82	460331	37.22	ng		99
26) 2-Nitrophenol	9.61	139	126579	45.57	ng		100
27) 2,4-Dimethylphenol	9.67	122	230689	44.59	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	281499	39.87	ng		99
29) 2,4-Dichlorophenol	10.14	162	198970	48.60	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	176036	41.19	ng		99
31) Naphthalene	10.53	128	660081	39.26	ng		100
32) Benzoic acid	9.80	122	157015	46.79	ng		94
33) 4-Chloroaniline	10.65	127	97414	12.35	ng		98
34) Hexachlorobutadiene	10.82	225	76138	40.55	ng		99
35) Caprolactam	11.41	113	113746m	44.13	ng		
36) 4-Chloro-3-methylphenol	11.78	107	239851	44.35	ng		97
37) 2-Methylnaphthalene	12.15	142	489217	40.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	168429	39.92	ng		99
40) Hexachlorocyclopentadiene	12.50	237	172612	89.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	138466	44.17	ng		99
43) 2,4,5-Trichlorophenol	12.84	196	155788	46.51	ng		95
45) 1,1'-Biphenyl	13.17	154	594115	40.42	ng		99
46) 2-Chloronaphthalene	13.21	162	447958	40.01	ng		99
47) 2-Nitroaniline	13.42	65	150019	41.57	ng		99
48) Acenaphthylene	14.06	152	772270	38.79	ng		99
49) Dimethylphthalate	13.80	163	555090	39.53	ng		99
50) 2,6-Dinitrotoluene	13.92	165	141153	41.56	ng		95
51) Acenaphthene	14.41	154	467410	39.28	ng		99
52) 3-Nitroaniline	14.25	138	92278	21.27	ng		95
53) 2,4-Dinitrophenol	14.46	184	168701	85.23	ng		94
54) Dibenzofuran	14.74	168	682266	41.32	ng		99
55) 4-Nitrophenol	14.56	139	331283	92.42	ng		99
56) 2,4-Dinitrotoluene	14.71	165	200809	43.41	ng		94
57) Fluorene	15.39	166	594301	40.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	121855	47.14	ng	#	93
59) Diethylphthalate	15.17	149	600999	40.20	ng		98
60) 4-Chlorophenyl-phenylether	15.38	204	249862	41.93	ng		96
61) 4-Nitroaniline	15.42	138	193364	39.27	ng		97
62) Azobenzene	15.67	77	634033	39.85	ng		99
64) 4,6-Dinitro-2-methylphenol	15.47	198	111558	39.28	ng		98
65) n-Nitrosodiphenylamine	15.60	169	535139	38.46	ng		99
66) 4-Bromophenyl-phenylether	16.27	248	132787	40.40	ng		97
67) Hexachlorobenzene	16.39	284	136524	39.97	ng		93
68) Atrazine	16.55	200	173354	44.70	ng		99
69) Pentachlorophenol	16.73	266	192153	92.13	ng		99
70) Phenanthrene	17.12	178	910653	39.34	ng		99
71) Anthracene	17.21	178	925788	40.35	ng		100
72) Carbazole	17.48	167	977151	42.44	ng		99
73) Di-n-butylphthalate	18.05	149	1152699	40.91	ng		100
74) Fluoranthene	19.14	202	994548	41.68	ng		98
76) Benzidine	19.32	184	425774	26.31	ng		98
77) Pyrene	19.50	202	1038851	39.09	ng		99
79) Butylbenzylphthalate	20.40	149	561030	42.97	ng		99
80) Benzo(a)anthracene	21.24	228	890912	39.50	ng		100
81) 3,3'-Dichlorobenzidine	21.18	252	175641	23.68	ng		99
82) Chrysene	21.30	228	843458	38.73	ng		99
83) Bis(2-ethylhexyl)phthalate	21.17	149	740536	41.90	ng		97
84) Di-n-octyl phthalate	22.05	149	1228154	42.65	ng		100
85) Indeno(1,2,3-cd)pyrene	25.79	276	919982	40.67	ng		98
87) Benzo(b)fluoranthene	22.82	252	843917	39.89	ng		99
88) Benzo(k)fluoranthene	22.87	252	799980	38.64	ng		99
89) Benzo(a)pyrene	23.41	252	809044	40.81	ng		99
90) Dibenzo(a,h)anthracene	25.80	278	763030	39.55	ng		98
91) Benzo(g,h,i)perylene	26.50	276	774713	40.20	ng		98

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

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