Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
Data File : BG025769.D
Acq On : 2 Feb 2017 22:16
Operator : SJ/MA
Sample : PB96675BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96675BS

Manual Integrations APPROVED
mohammad
2/3/2017 1:58:18 PM

Quant Time: Feb 03 01:27:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72324	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	317770	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	257885	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	592314	20.00	ng		0.00
75) Chrysene-d12	21.83	240	722836	20.00	ng		0.00
86) Perylene-d12	25.21	264	728880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	608793	150.86	ng		0.00
7) Phenol-d6	7.33	99	895131	151.88	ng		0.00
23) Nitrobenzene-d5	9.35	82	650420	86.48	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	487042	132.43	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1353960	85.27	ng		0.00
78) Terphenyl-d14	20.13	244	2434991	81.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	53741	29.37	ng		95
3) Pyridine	3.95	79	179657	36.19	ng		91
4) n-Nitrosodimethylamine	3.87	42	121977	42.71	ng		98
6) Aniline	7.49	93	203250	24.48	ng		94
8) 2-Chlorophenol	7.73	128	206251	45.02	ng		97
9) Benzaldehyde	7.31	77	107125	21.42	ng		83
10) Phenol	7.35	94	311931	47.09	ng		98
11) bis(2-Chloroethyl)ether	7.58	93	214683	40.99	ng		94
12) 1,3-Dichlorobenzene	8.05	146	222269	39.68	ng		96
13) 1,4-Dichlorobenzene	8.20	146	221710	38.93	ng		96
14) 1,2-Dichlorobenzene	8.52	146	212436	38.93	ng		96
15) Benzyl Alcohol	8.42	79	237630	46.62	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	427573	40.43	ng		95
17) 2-Methylphenol	8.62	107	197346	43.61	ng		93
18) Hexachloroethane	9.24	117	93367	40.26	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	215854	41.50	ng		99
20) 3+4-Methylphenols	8.95	107	279105	45.20	ng		97
22) Acetophenone	9.00	105	340569	39.15	ng	#	100
24) Nitrobenzene	9.39	77	319297	38.88	ng		98
25) Isophorone	9.90	82	577662	39.42	ng		96
26) 2-Nitrophenol	10.11	139	126651	43.53	ng		93
27) 2,4-Dimethylphenol	10.16	122	232808	45.94	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	331208	42.70	ng		96
29) 2,4-Dichlorophenol	10.65	162	231440	44.50	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	243630	40.27	ng		96
31) Naphthalene	11.04	128	647069	39.23	ng		98
32) Benzoic acid	10.31	122	119637	38.38	ng		90
33) 4-Chloroaniline	11.17	127	112208	16.37	ng		98
34) Hexachlorobutadiene	11.30	225	170856	34.72	ng		97
35) Caprolactam	11.95	113	92730m	41.84	ng		
36) 4-Chloro-3-methylphenol	12.28	107	291217	45.96	ng		96
37) 2-Methylnaphthalene	12.63	142	527009	41.38	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	322749	37.37	ng		98
40) Hexachlorocyclopentadiene	12.96	237	220496	67.95	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	209721	41.48	ng		96
43) 2,4,5-Trichlorophenol	13.33	196	223667	40.98	ng		98
45) 1,1'-Biphenyl	13.63	154	715323	39.87	ng		93
46) 2-Chloronaphthalene	13.68	162	574042	40.74	ng		96
47) 2-Nitroaniline	13.90	65	246877	40.72	ng		96
48) Acenaphthylene	14.53	152	915477	39.06	ng		96
49) Dimethylphthalate	14.24	163	765273	39.41	ng		98
50) 2,6-Dinitrotoluene	14.39	165	173635	39.48	ng		93
51) Acenaphthene	14.86	154	580716	40.10	ng		99
52) 3-Nitroaniline	14.73	138	91588	22.09	ng	#	96
53) 2,4-Dinitrophenol	14.95	184	187927	72.44	ng	#	88
54) Dibenzofuran	15.19	168	937412	42.84	ng		98
55) 4-Nitrophenol	15.05	139	245981	76.95	ng		88
56) 2,4-Dinitrotoluene	15.18	165	257418	40.00	ng	#	79
57) Fluorene	15.84	166	766805	39.44	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	233814	45.84	ng		96
59) Diethylphthalate	15.58	149	813756	39.53	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	412277	39.12	ng		94
61) 4-Nitroaniline	15.89	138	167037	40.11	ng		97
62) Azobenzene	16.11	77	953205	45.50	ng		97
64) 4,6-Dinitro-2-methylphenol	15.95	198	155379	36.91	ng		80
65) n-Nitrosodiphenylamine	16.04	169	717824	42.22	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	287196	39.87	ng		91
67) Hexachlorobenzene	16.85	284	323334	39.91	ng		93
68) Atrazine	16.98	200	297248	35.41	ng		96
69) Pentachlorophenol	17.20	266	278443	78.22	ng		94
70) Phenanthrene	17.59	178	1316186	40.89	ng		96
71) Anthracene	17.68	178	1380126	41.58	ng		99
72) Carbazole	17.95	167	1213390	37.75	ng		96
73) Di-n-butylphthalate	18.46	149	1497537	40.26	ng		97
74) Fluoranthene	19.59	202	1673771	37.94	ng		97
76) Benzidine	19.77	184	503033	20.27	ng		96
77) Pyrene	19.95	202	1698379	42.18	ng		99
79) Butylbenzylphthalate	20.80	149	751063	44.93	ng		95
80) Benzo(a)anthracene	21.81	228	1793549	41.90	ng		98
81) 3,3'-Dichlorobenzidine	21.71	252	399236	23.76	ng		99
82) Chrysene	21.88	228	1649521	40.77	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	1034557	44.43	ng		96
84) Di-n-octyl phthalate	22.89	149	1757991	46.48	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2109638	42.77	ng	#	93
87) Benzo(b)fluoranthene	24.13	252	1828584	43.40	ng		99
88) Benzo(k)fluoranthene	24.20	252	1719261	41.70	ng		98
89) Benzo(a)pyrene	25.05	252	1733017	43.25	ng	#	98
90) Dibenzo(a,h)anthracene	29.15	278	1769503	42.70	ng		98
91) Benzo(g,h,i)perylene	30.34	276	1759508	42.73	ng	#	94

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

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