Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025936.D
Acq On : 24 Feb 2017 17:39
Operator : SJ/MA
Sample : PB97155BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97155BS

Manual Integrations APPROVED
mohammad
2/27/2017 1:06:52 PM

Quant Time: Feb 24 22:51:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	87739	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	436661	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	296895	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	733022	20.00	ng		0.00
75) Chrysene-d12	21.67	240	753265	20.00	ng		0.00
86) Perylene-d12	24.88	264	725564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	748526	148.53	ng		0.00
7) Phenol-d6	7.24	99	1075709	144.25	ng		0.00
23) Nitrobenzene-d5	9.24	82	584759	84.51	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	497400	181.33	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1659924	97.69	ng		0.00
78) Terphenyl-d14	20.01	244	2371956	76.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	67155	29.16	ng	#	85
3) Pyridine	3.94	79	205796	29.98	ng	#	79
4) n-Nitrosodimethylamine	3.85	42	90827	36.80	ng	#	42
6) Aniline	7.40	93	322173	31.07	ng		92
8) 2-Chlorophenol	7.64	128	271752	45.37	ng		88
9) Benzaldehyde	7.22	77	94739	21.44	ng	#	68
10) Phenol	7.27	94	372897	46.01	ng	#	75
11) bis(2-Chloroethyl)ether	7.50	93	245810	36.90	ng		91
12) 1,3-Dichlorobenzene	7.97	146	259996	37.55	ng	#	90
13) 1,4-Dichlorobenzene	8.12	146	265037m	37.79	ng		
14) 1,2-Dichlorobenzene	8.44	146	256836	37.30	ng		93
15) Benzyl Alcohol	8.31	79	255988	46.88	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	335451	34.70	ng		90
17) 2-Methylphenol	8.51	107	259730	44.49	ng	#	83
18) Hexachloroethane	9.17	117	86861	37.37	ng		87
19) n-Nitroso-di-n-propylamine	8.88	70	222351	40.82	ng	#	82
20) 3+4-Methylphenols	8.84	107	379006	45.57	ng		88
22) Acetophenone	8.90	105	419563	40.04	ng	#	81
24) Nitrobenzene	9.28	77	297170	39.72	ng	#	82
25) Isophorone	9.80	82	636909	41.83	ng	#	92
26) 2-Nitrophenol	9.99	139	156464	44.72	ng	#	69
27) 2,4-Dimethylphenol	10.05	122	313099	47.94	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	384149	39.81	ng	#	97
29) 2,4-Dichlorophenol	10.53	162	308057	49.42	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	269483	39.76	ng		98
31) Naphthalene	10.93	128	885582	39.23	ng		98
32) Benzoic acid	10.17	122	250784	50.30	ng	#	78
33) 4-Chloroaniline	11.03	127	203460	20.75	ng	#	86
34) Hexachlorobutadiene	11.22	225	148596	38.52	ng		98
35) Caprolactam	11.80	113	143555m	57.03	ng		
36) 4-Chloro-3-methylphenol	12.14	107	368876	49.47	ng	#	79
37) 2-Methylnaphthalene	12.53	142	723296	42.07	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	323863	43.52	ng		98
40) Hexachlorocyclopentadiene	12.88	237	390082	95.80	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	264938	55.13	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	283042	51.88	ng		94
45) 1,1'-Biphenyl	13.53	154	977652	45.44	ng		99
46) 2-Chloronaphthalene	13.57	162	719407	46.25	ng		96
47) 2-Nitroaniline	13.76	65	252639	51.21	ng	#	72
48) Acenaphthylene	14.41	152	1275854	46.07	ng		98
49) Dimethylphthalate	14.14	163	1037331	50.93	ng		98
50) 2,6-Dinitrotoluene	14.25	165	232565	50.83	ng	#	67
51) Acenaphthene	14.75	154	832441	45.51	ng		98
52) 3-Nitroaniline	14.58	138	157173	30.71	ng	#	75
53) 2,4-Dinitrophenol	14.79	184	277013	115.70	ng	#	84
54) Dibenzofuran	15.08	168	1232118	50.53	ng		90
55) 4-Nitrophenol	14.88	139	461934	110.91	ng	#	48
56) 2,4-Dinitrotoluene	15.04	165	326255	53.00	ng	#	81
57) Fluorene	15.73	166	1041036	47.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	283691	58.94	ng		98
59) Diethylphthalate	15.49	149	1079756	51.25	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	485005	48.04	ng		94
61) 4-Nitroaniline	15.73	138	277069	52.23	ng	#	54
62) Azobenzene	16.00	77	969451	53.53	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	186224	43.41	ng		92
65) n-Nitrosodiphenylamine	15.93	169	958524	43.12	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	333092	43.36	ng		99
67) Hexachlorobenzene	16.73	284	341464	43.12	ng		92
68) Atrazine	16.87	200	349617	44.44	ng		98
69) Pentachlorophenol	17.07	266	455601	93.28	ng		98
70) Phenanthrene	17.46	178	1672359	42.03	ng		97
71) Anthracene	17.55	178	1738913	42.86	ng		99
72) Carbazole	17.81	167	1618867	39.72	ng		96
73) Di-n-butylphthalate	18.37	149	1850297	46.25	ng	#	94
74) Fluoranthene	19.45	202	1838904	41.97	ng		94
76) Benzidine	19.62	184	850377	35.76	ng		98
77) Pyrene	19.82	202	1872261	39.30	ng		99
79) Butylbenzylphthalate	20.69	149	830302	45.93	ng		89
80) Benzo(a)anthracene	21.65	228	1791590	40.74	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	410257	26.17	ng	#	95
82) Chrysene	21.72	228	1636034	38.68	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	1178774	45.16	ng		99
84) Di-n-octyl phthalate	22.76	149	2041415	47.35	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.54	276	2137976	42.92	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	1814519	41.76	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	1791916	42.26	ng	#	93
89) Benzo(a)pyrene	24.73	252	1770272	43.02	ng	#	94
90) Dibenzo(a,h)anthracene	28.60	278	1768830	42.79	ng	#	94
91) Benzo(g,h,i)perylene	29.68	276	1759701	42.46	ng	#	89

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

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