Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025939.D
Acq On : 24 Feb 2017 19:39
Operator : SJ/MA
Sample : PB97159BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97159BS

Manual Integrations APPROVED
mohammad
2/27/2017 1:06:58 PM

Quant Time: Feb 24 23:14:04 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	85831	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	438698	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	298803	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	751233	20.00	ng		0.00
75) Chrysene-d12	21.66	240	760325	20.00	ng		-0.01
86) Perylene-d12	24.87	264	738027	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	777206	157.65	ng		0.00
7) Phenol-d6	7.24	99	1142061	156.55	ng		0.00
23) Nitrobenzene-d5	9.24	82	622387	89.53	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	543054	196.71	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1763627	103.14	ng		0.00
78) Terphenyl-d14	20.01	244	2535798	81.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	67161	29.81	ng	#	91
3) Pyridine	3.94	79	212450	31.64	ng	#	77
4) n-Nitrosodimethylamine	3.85	42	95250	39.45	ng	#	34
6) Aniline	7.40	93	333326	32.86	ng	#	91
8) 2-Chlorophenol	7.64	128	288740	49.28	ng		89
9) Benzaldehyde	7.22	77	97837	22.63	ng	#	72
10) Phenol	7.27	94	391893	49.43	ng	#	73
11) bis(2-Chloroethyl)ether	7.50	93	258422	39.66	ng		88
12) 1,3-Dichlorobenzene	7.97	146	270636	39.96	ng	#	90
13) 1,4-Dichlorobenzene	8.11	146	280300	40.85	ng		92
14) 1,2-Dichlorobenzene	8.44	146	273129	40.55	ng	#	89
15) Benzyl Alcohol	8.31	79	270812	50.69	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	355344	37.58	ng		90
17) 2-Methylphenol	8.51	107	277179	48.53	ng	#	84
18) Hexachloroethane	9.17	117	92049	40.48	ng		84
19) n-Nitroso-di-n-propylamine	8.88	70	236025	44.30	ng	#	80
20) 3+4-Methylphenols	8.84	107	401068	49.29	ng		85
22) Acetophenone	8.90	105	438102	41.62	ng	#	81
24) Nitrobenzene	9.28	77	312607	41.59	ng	#	80
25) Isophorone	9.80	82	681461	44.55	ng	#	92
26) 2-Nitrophenol	9.99	139	165950	47.21	ng	#	71
27) 2,4-Dimethylphenol	10.05	122	337367	51.42	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	404947	41.77	ng		99
29) 2,4-Dichlorophenol	10.53	162	328487	52.46	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	284119	41.72	ng		99
31) Naphthalene	10.94	128	935795	41.26	ng		99
32) Benzoic acid	10.17	122	275355	54.97	ng	#	80
33) 4-Chloroaniline	11.03	127	198874	20.19	ng	#	86
34) Hexachlorobutadiene	11.22	225	152439	39.34	ng		97
35) Caprolactam	11.80	113	153400m	60.66	ng		
36) 4-Chloro-3-methylphenol	12.15	107	392919	52.44	ng	#	81
37) 2-Methylnaphthalene	12.53	142	764298	44.24	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	344228	45.96	ng		99
40) Hexachlorocyclopentadiene	12.88	237	410207	100.10	ng		97

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	285956	59.12	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	310141	56.48	ng		94
45) 1,1'-Biphenyl	13.53	154	1044066	48.22	ng		98
46) 2-Chloronaphthalene	13.57	162	754697	48.21	ng		99
47) 2-Nitroaniline	13.76	65	276540	55.70	ng	#	71
48) Acenaphthylene	14.41	152	1358230	48.73	ng		99
49) Dimethylphthalate	14.14	163	1094231	53.38	ng		98
50) 2,6-Dinitrotoluene	14.25	165	252964	54.94	ng	#	71
51) Acenaphthene	14.75	154	897172	48.74	ng		96
52) 3-Nitroaniline	14.58	138	168706	32.75	ng	#	73
53) 2,4-Dinitrophenol	14.78	184	317683	131.84	ng	#	86
54) Dibenzofuran	15.08	168	1321298	53.84	ng		91
55) 4-Nitrophenol	14.88	139	503465	120.11	ng	#	48
56) 2,4-Dinitrotoluene	15.04	165	363317	58.65	ng	#	79
57) Fluorene	15.73	166	1114984	50.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.31	232	305901	63.15	ng		97
59) Diethylphthalate	15.49	149	1168275	55.10	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	523458	51.52	ng		92
61) 4-Nitroaniline	15.74	138	301111	56.39	ng	#	53
62) Azobenzene	16.01	77	1043286	57.24	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	212311	48.29	ng		91
65) n-Nitrosodiphenylamine	15.93	169	1031657	45.28	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	355913	45.20	ng		98
67) Hexachlorobenzene	16.73	284	369309	45.51	ng		94
68) Atrazine	16.87	200	382208	47.40	ng		97
69) Pentachlorophenol	17.07	266	500375	99.96	ng		97
70) Phenanthrene	17.46	178	1807956	44.33	ng		98
71) Anthracene	17.55	178	1861007	44.76	ng		99
72) Carbazole	17.81	167	1749460	41.89	ng		98
73) Di-n-butylphthalate	18.37	149	1988249	48.49	ng	#	94
74) Fluoranthene	19.45	202	1998011	44.50	ng		95
76) Benzidine	19.62	184	827572	34.48	ng		97
77) Pyrene	19.82	202	2013995	41.88	ng		99
79) Butylbenzylphthalate	20.69	149	895430	49.07	ng		88
80) Benzo(a)anthracene	21.65	228	1952681	43.99	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	477734	30.19	ng	#	97
82) Chrysene	21.71	228	1774552	41.57	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1272891	48.31	ng		97
84) Di-n-octyl phthalate	22.76	149	2225530	51.14	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.54	276	2336385	46.47	ng	#	87
87) Benzo(b)fluoranthene	23.86	252	2025942	45.83	ng	#	95
88) Benzo(k)fluoranthene	23.93	252	1906851	44.21	ng	#	94
89) Benzo(a)pyrene	24.72	252	1925241	46.00	ng	#	95
90) Dibenzo(a,h)anthracene	28.60	278	1936264	46.05	ng	#	93
91) Benzo(g,h,i)perylene	29.68	276	1925513	45.67	ng	#	88

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

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