Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
Data File : BG025865.D
Acq On : 17 Feb 2017 18:58
Operator : SJ/MA
Sample : PB97017BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97017BSD

Manual Integrations APPROVED
mohammad
2/20/2017 12:58:39 PM

Quant Time: Feb 17 23:48:52 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	8.09	152	92406	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	442668	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	329612	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	735165	20.00	ng		0.00
75) Chrysene-d12	21.67	240	744852	20.00	ng		0.00
86) Perylene-d12	24.89	264	741792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	527598	99.40	ng		0.00
7) Phenol-d6	7.24	99	734347	93.50	ng		0.00
23) Nitrobenzene-d5	9.24	82	588330	83.87	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	281613	92.48	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1571046	83.29	ng		0.00
78) Terphenyl-d14	20.02	244	2277555	74.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	80398	33.14	ng	#	88
3) Pyridine	3.95	79	238637	33.01	ng	#	78
4) n-Nitrosodimethylamine	3.86	42	104214	40.09	ng	#	40
6) Aniline	7.41	93	225559	20.66	ng		96
8) 2-Chlorophenol	7.65	128	293627	46.55	ng		87
9) Benzaldehyde	7.22	77	48277	10.37	ng		84
10) Phenol	7.26	94	400005	46.87	ng	#	74
11) bis(2-Chloroethyl)ether	7.50	93	269456	38.41	ng		91
12) 1,3-Dichlorobenzene	7.98	146	287397	39.41	ng	#	87
13) 1,4-Dichlorobenzene	8.12	146	297049	40.21	ng		94
14) 1,2-Dichlorobenzene	8.45	146	288459	39.78	ng		92
15) Benzyl Alcohol	8.32	79	258553	44.95	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.62	45	373958	36.73	ng		90
17) 2-Methylphenol	8.52	107	273682	44.51	ng	#	83
18) Hexachloroethane	9.17	117	96358	39.36	ng	#	85
19) n-Nitroso-di-n-propylamine	8.89	70	216176	37.68	ng	#	82
20) 3+4-Methylphenols	8.85	107	382041	43.61	ng		88
22) Acetophenone	8.90	105	423373	39.86	ng	#	80
24) Nitrobenzene	9.29	77	314579	41.47	ng	#	81
25) Isophorone	9.81	82	624082	40.43	ng	#	93
26) 2-Nitrophenol	10.00	139	161107	45.42	ng	#	67
27) 2,4-Dimethylphenol	10.05	122	313592	47.37	ng		88
28) bis(2-Chloroethoxy)methane	10.28	93	389612	39.83	ng		98
29) 2,4-Dichlorophenol	10.53	162	304286	48.16	ng		94
30) 1,2,4-Trichlorobenzene	10.75	180	281751	41.00	ng		97
31) Naphthalene	10.94	128	917614	40.09	ng		99
32) Benzoic acid	10.17	122	220023	43.53	ng	#	75
33) 4-Chloroaniline	11.03	127	80674	8.12	ng	#	84
34) Hexachlorobutadiene	11.23	225	154978	39.63	ng		96
35) Caprolactam	11.79	113	125121m	49.03	ng		
36) 4-Chloro-3-methylphenol	12.14	107	357668	47.31	ng	#	86
37) 2-Methylnaphthalene	12.54	142	721063	41.37	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	316583	38.32	ng		98
40) Hexachlorocyclopentadiene	12.88	237	389772	86.22	ng		95

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Quant Time: Feb 17 23:48:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	249146	46.70	ng		95
43) 2,4,5-Trichlorophenol	13.20	196	268681	44.36	ng	#	93
45) 1,1'-Biphenyl	13.53	154	941957	39.44	ng		98
46) 2-Chloronaphthalene	13.58	162	707153	40.95	ng		97
47) 2-Nitroaniline	13.76	65	244550	44.65	ng	#	74
48) Acenaphthylene	14.42	152	1228401	39.95	ng		100
49) Dimethylphthalate	14.14	163	998583	44.16	ng		98
50) 2,6-Dinitrotoluene	14.25	165	226914	44.67	ng	#	71
51) Acenaphthene	14.76	154	908483	44.74	ng		99
52) 3-Nitroaniline	14.58	138	93470	16.45	ng	#	76
53) 2,4-Dinitrophenol	14.78	184	264282	99.43	ng		94
54) Dibenzofuran	15.09	168	1179468	43.57	ng		91
55) 4-Nitrophenol	14.87	139	451194	97.58	ng	#	50
56) 2,4-Dinitrotoluene	15.04	165	327006	47.85	ng	#	77
57) Fluorene	15.73	166	994381	41.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	262333	49.09	ng		96
59) Diethylphthalate	15.50	149	1053422	45.04	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	463524	41.35	ng		94
61) 4-Nitroaniline	15.74	138	266373	45.23	ng	#	55
62) Azobenzene	16.01	77	947830	47.14	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	185192	43.05	ng		93
65) n-Nitrosodiphenylamine	15.93	169	900858	40.41	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	309811	40.21	ng		99
67) Hexachlorobenzene	16.73	284	311519	39.23	ng		98
68) Atrazine	16.87	200	328082	41.58	ng		97
69) Pentachlorophenol	17.07	266	424121	86.58	ng		96
70) Phenanthrene	17.46	178	1615325	40.48	ng		97
71) Anthracene	17.55	178	1677999	41.24	ng		99
72) Carbazole	17.81	167	1594001	39.00	ng		97
73) Di-n-butylphthalate	18.38	149	1822944	45.43	ng	#	94
74) Fluoranthene	19.46	202	1844042	41.97	ng		95
76) Benzidine	19.63	184	508037	21.61	ng		98
77) Pyrene	19.82	202	1863765	39.56	ng		99
79) Butylbenzylphthalate	20.70	149	814147	45.54	ng		91
80) Benzo(a)anthracene	21.65	228	1772724	40.76	ng		97
81) 3,3'-Dichlorobenzidine	21.57	252	330936	21.35	ng	#	97
82) Chrysene	21.72	228	1627654	38.92	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	1181238	45.76	ng		99
84) Di-n-octyl phthalate	22.78	149	2009667	47.14	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.55	276	2108392	42.80	ng	#	91
87) Benzo(b)fluoranthene	23.87	252	1808355	40.70	ng	#	96
88) Benzo(k)fluoranthene	23.94	252	1783856	41.15	ng	#	92
89) Benzo(a)pyrene	24.73	252	1762192	41.89	ng	#	94
90) Dibenzo(a,h)anthracene	28.61	278	1733947	41.03	ng	#	93
91) Benzo(g,h,i)perylene	29.69	276	1746813	41.22	ng	#	88

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

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