Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
Data File : BG026574.D
Acq On : 6 Apr 2017 20:21
Operator : SJ/MA
Sample : PB98108BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98108BS

Quant Time: Apr 07 02:16:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	180248	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	725177	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	425673	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	985688	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1075861	20.00	ng		0.00
86) Perylene-d12	24.81	264	1087316	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1407971	138.64	ng		0.00
7) Phenol-d6	7.21	99	1787566	131.11	ng		0.00
23) Nitrobenzene-d5	9.20	82	951948	78.93	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	766435	157.23	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2574656	84.82	ng		0.00
78) Terphenyl-d14	19.98	244	3377887	76.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	152413	33.44	ng	#	68
3) Pyridine	3.90	79	417098	33.41	ng	#	60
4) n-Nitrosodimethylamine	3.82	42	132771	38.91	ng	#	1
6) Aniline	7.37	93	427823	23.49	ng	#	85
8) 2-Chlorophenol	7.61	128	542163	47.41	ng	#	78
9) Benzaldehyde	7.18	77	207627	22.56	ng	#	69
10) Phenol	7.24	94	644340	44.29	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	480449	40.27	ng	#	80
12) 1,3-Dichlorobenzene	7.94	146	595911	43.77	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	603067	43.80	ng	#	92
14) 1,2-Dichlorobenzene	8.40	146	573159	43.49	ng	#	91
15) Benzyl Alcohol	8.28	79	386227	43.21	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.58	45	453167	34.20	ng		78
17) 2-Methylphenol	8.48	107	453395	43.88	ng	#	80
18) Hexachloroethane	9.13	117	188468	41.85	ng		92
19) n-Nitroso-di-n-propylamine	8.84	70	333469	38.05	ng	#	69
20) 3+4-Methylphenols	8.81	107	619943	43.58	ng		86
22) Acetophenone	8.86	105	730050	43.78	ng	#	74
24) Nitrobenzene	9.25	77	493162	41.41	ng	#	71
25) Isophorone	9.76	82	942527	41.46	ng	#	88
26) 2-Nitrophenol	9.96	139	304573	49.15	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	507614	49.91	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	633945	42.93	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	548049	53.28	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	568430	49.20	ng		97
31) Naphthalene	10.89	128	1600529	43.65	ng		99
32) Benzoic acid	10.16	122	317937	40.63	ng	#	72
33) 4-Chloroaniline	11.00	127	180950	12.13	ng	#	80
34) Hexachlorobutadiene	11.18	225	330653	48.50	ng		97
35) Caprolactam	11.76	113	179681m	44.33	ng		
36) 4-Chloro-3-methylphenol	12.11	107	515972	46.89	ng	#	78
37) 2-Methylnaphthalene	12.49	142	1227285	45.70	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	595082	46.46	ng		98
40) Hexachlorocyclopentadiene	12.84	237	695557	103.17	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	430442	51.33	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	453398	48.91	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1558264	44.20	ng		98
46) 2-Chloronaphthalene	13.53	162	1183357	45.96	ng		96
47) 2-Nitroaniline	13.73	65	296104	40.44	ng	#	50
48) Acenaphthylene	14.37	152	1909116	42.53	ng		99
49) Dimethylphthalate	14.10	163	1501918	46.75	ng		99
50) 2,6-Dinitrotoluene	14.22	165	359521	47.94	ng	#	56
51) Acenaphthene	14.71	154	1204131	43.57	ng		100
52) 3-Nitroaniline	14.55	138	164445	19.92	ng	#	64
53) 2,4-Dinitrophenol	14.76	184	376064	86.45	ng	#	72
54) Dibenzofuran	15.04	168	1852720	47.61	ng		90
55) 4-Nitrophenol	14.86	139	606532	89.71	ng	#	37
56) 2,4-Dinitrotoluene	15.01	165	516306	48.95	ng	#	65
57) Fluorene	15.69	166	1509442	43.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	435401	53.86	ng	#	94
59) Diethylphthalate	15.46	149	1487712	45.30	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	770103	46.93	ng		88
61) 4-Nitroaniline	15.71	138	388084	44.43	ng	#	48
62) Azobenzene	15.97	77	1176896	44.08	ng		76
64) 4,6-Dinitro-2-methylphenol	15.77	198	311588	50.14	ng		82
65) n-Nitrosodiphenylamine	15.89	169	1368708	47.31	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	519710	51.23	ng		92
67) Hexachlorobenzene	16.70	284	552239	51.03	ng	#	89
68) Atrazine	16.83	200	485340	44.32	ng		98
69) Pentachlorophenol	17.04	266	655900	93.22	ng		98
70) Phenanthrene	17.42	178	2331278	44.04	ng		99
71) Anthracene	17.52	178	2412086	44.66	ng		98
72) Carbazole	17.78	167	2271758	40.86	ng		97
73) Di-n-butylphthalate	18.33	149	2478621	43.39	ng	#	95
74) Fluoranthene	19.43	202	2689732	43.21	ng		97
76) Benzidine	19.60	184	921943	24.85	ng		98
77) Pyrene	19.79	202	2732920	43.87	ng		98
79) Butylbenzylphthalate	20.66	149	1152685	46.25	ng	#	83
80) Benzo(a)anthracene	21.61	228	2666078	44.04	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	687654	27.74	ng		97
82) Chrysene	21.68	228	2482109	42.91	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1638011	43.51	ng		97
84) Di-n-octyl phthalate	22.70	149	2789445	43.42	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	3460063	48.45	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2935449	45.80	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	2763958	44.47	ng	#	95
89) Benzo(a)pyrene	24.66	252	2805019	45.63	ng	#	96
90) Dibenzo(a,h)anthracene	28.51	278	2875020	46.27	ng	#	93
91) Benzo(g,h,i)perylene	29.58	276	2864435	45.76	ng	#	90

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

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