Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
Data File : BG017061.D
Acq On : 11 May 2015 19:46
Operator : TP/IZ
Sample : G2177-20MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-30A(20-25)MSD

Quant Time: May 12 04:57:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 04:00:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	57991	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	246882	20.00	ng		0.00
38) Acenaphthene-d10	14.41	164	161463	20.00	ng		0.00
63) Phenanthrene-d10	17.15	188	369165	20.00	ng		0.00
75) Chrysene-d12	21.33	240	392806	20.00	ng		0.00
86) Perylene-d12	23.62	264	381900	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	354718	106.51	ng		0.00
7) Phenol-d6	6.95	99	486412	102.23	ng		0.00
23) Nitrobenzene-d5	8.91	82	318108	62.95	ng		0.00
41) 2,4,6-Tribromophenol	15.90	330	193628	119.45	ng		0.00
44) 2-Fluorobiphenyl	13.02	172	657249	61.43	ng		0.00
78) Terphenyl-d14	19.78	244	1083481	64.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	35615	25.52	ng	#	1
3) Pyridine	3.62	79	104878	24.31	ng		97
4) n-Nitrosodimethylamine	3.54	42	80205	31.14	ng		89
6) Aniline	7.08	93	170180	25.47	ng		96
8) 2-Chlorophenol	7.33	128	129172	33.48	ng		94
9) Benzaldehyde	6.89	77	72711	19.42	ng		96
10) Phenol	6.97	94	173344	33.97	ng		94
11) bis(2-Chloroethyl)ether	7.18	93	122748	31.11	ng		93
12) 1,3-Dichlorobenzene	7.64	146	122922	28.89	ng		96
13) 1,4-Dichlorobenzene	7.79	146	128039	29.71	ng		96
14) 1,2-Dichlorobenzene	8.10	146	123191	29.79	ng		92
15) Benzyl Alcohol	8.00	79	136944	31.51	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.29	45	200736	27.49	ng		99
17) 2-Methylphenol	8.22	107	114452	31.85	ng		98
18) Hexachloroethane	8.83	117	52571	29.68	ng		99
19) n-Nitroso-di-n-propylamine	8.56	70	113795	27.27	ng		94
20) 3+4-Methylphenols	8.54	107	158760	32.06	ng		96
22) Acetophenone	8.58	105	194350	33.05	ng	#	98
24) Nitrobenzene	8.95	77	163934	32.12	ng		96
25) Isophorone	9.48	82	304091	29.80	ng		98
26) 2-Nitrophenol	9.66	139	71441	34.38	ng		99
27) 2,4-Dimethylphenol	9.74	122	131331	34.92	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	159999	31.06	ng		97
29) 2,4-Dichlorophenol	10.21	162	129996	36.59	ng		94
30) 1,2,4-Trichlorobenzene	10.41	180	120967	32.11	ng		95
31) Naphthalene	10.60	128	382638	31.16	ng		99
33) 4-Chloroaniline	10.72	127	150426	26.53	ng		99
34) Hexachlorobutadiene	10.89	225	75410	31.98	ng		98
35) Caprolactam	11.48	113	56221	30.46	ng		93
36) 4-Chloro-3-methylphenol	11.86	107	160241	35.22	ng		99
37) 2-Methylnaphthalene	12.21	142	293125	31.34	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	137052	31.40	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	183794	65.20	ng		99
42) 2,4,6-Trichlorophenol	12.84	196	104518	33.79	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.93	196	115176	35.08	ng		98
45) 1,1'-Biphenyl	13.24	154	372711	32.24	ng		98
46) 2-Chloronaphthalene	13.28	162	293821	32.09	ng		98
47) 2-Nitroaniline	13.48	65	120081	37.68	ng		96
48) Acenaphthylene	14.12	152	497213	31.18	ng		99
49) Dimethylphthalate	13.87	163	438008	36.33	ng		99
50) 2,6-Dinitrotoluene	13.98	165	90005	35.96	ng		89
51) Acenaphthene	14.47	154	298022	31.40	ng		98
52) 3-Nitroaniline	14.32	138	89191	31.32	ng		94
53) 2,4-Dinitrophenol	14.52	184	20812	18.18	ng		93
54) Dibenzofuran	14.81	168	453401	33.65	ng		96
55) 4-Nitrophenol	14.66	139	156226	64.70	ng		92
56) 2,4-Dinitrotoluene	14.78	165	132525	41.38	ng		95
57) Fluorene	15.45	166	393865	33.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	99349	35.07	ng	#	78
59) Diethylphthalate	15.23	149	427446	33.58	ng		99
60) 4-Chlorophenyl-phenylether	15.45	204	195287	32.58	ng		97
61) 4-Nitroaniline	15.48	138	118249	35.81	ng		89
62) Azobenzene	15.74	77	445676	33.81	ng		94
64) 4,6-Dinitro-2-methylphenol	15.53	198	50795	27.75	ng		89
65) n-Nitrosodiphenylamine	15.66	169	352663	31.30	ng		97
66) 4-Bromophenyl-phenylether	16.34	248	122899	33.17	ng		98
67) Hexachlorobenzene	16.46	284	128449	32.87	ng		99
68) Atrazine	16.62	200	141397	34.87	ng		94
69) Pentachlorophenol	16.81	266	148118	58.39	ng		96
70) Phenanthrene	17.20	178	613070	32.27	ng		99
71) Anthracene	17.28	178	627234	32.73	ng		98
72) Carbazole	17.56	167	622679	34.17	ng		99
73) Di-n-butylphthalate	18.12	149	787133	33.32	ng		100
74) Fluoranthene	19.21	202	747336	33.91	ng		99
76) Benzidine	19.40	184	555125	41.59	ng		99
77) Pyrene	19.58	202	764570	32.98	ng		99
79) Butylbenzylphthalate	20.48	149	362166	32.87	ng		97
80) Benzo(a)anthracene	21.32	228	725801	34.44	ng		99
81) 3,3'-Dichlorobenzidine	21.26	252	196522	23.88	ng		98
82) Chrysene	21.37	228	667265	33.81	ng		99
83) Bis(2-ethylhexyl)phthalate	21.25	149	504687	33.48	ng		98
84) Di-n-octyl phthalate	22.14	149	844538	33.36	ng	#	100
85) Indeno(1,2,3-cd)pyrene	25.97	276	790080	33.59	ng	#	100
87) Benzo(b)fluoranthene	22.93	252	699389	32.87	ng		98
88) Benzo(k)fluoranthene	22.97	252	691707	33.80	ng		100
89) Benzo(a)pyrene	23.52	252	681522	34.35	ng		99
90) Dibenzo(a,h)anthracene	25.99	278	662725	32.70	ng		97
91) Benzo(g,h,i)perylene	26.69	276	635800	32.95	ng		96

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

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