Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017308.D
Acq On : 27 May 2015 18:37
Operator : TP/IZ
Sample : PB83628BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83628BS

Quant Time: May 28 03:34:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 02:22:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	21986	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	94382	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	63750	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	164420	20.00	ng		0.00
75) Chrysene-d12	21.25	240	192405	20.00	ng		0.00
86) Perylene-d12	23.49	264	186353	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	171270	138.21	ng		0.00
7) Phenol-d6	6.87	99	225238	129.52	ng		0.00
23) Nitrobenzene-d5	8.82	82	152633	75.50	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	113619	147.44	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	336733	77.51	ng		0.00
78) Terphenyl-d14	19.70	244	712036	77.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	17523	35.84	ng		98
3) Pyridine	3.51	79	50032	33.82	ng		97
4) n-Nitrosodimethylamine	3.43	42	37725	33.60	ng	#	96
6) Aniline	6.99	93	49581	20.61	ng	#	92
8) 2-Chlorophenol	7.24	128	58965	39.78	ng		98
9) Benzaldehyde	6.80	77	7420	5.01	ng		94
10) Phenol	6.90	94	77978	42.28	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	54794	39.63	ng		97
12) 1,3-Dichlorobenzene	7.55	146	59570	35.98	ng		98
13) 1,4-Dichlorobenzene	7.69	146	63526	38.01	ng		94
14) 1,2-Dichlorobenzene	8.01	146	58770	36.82	ng		92
15) Benzyl Alcohol	7.91	79	61927	36.65	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	90674	40.44	ng		99
17) 2-Methylphenol	8.13	107	51388	38.43	ng		98
18) Hexachloroethane	8.73	117	25349	36.31	ng		94
19) n-Nitroso-di-n-propylamine	8.47	70	51089	33.72	ng		95
20) 3+4-Methylphenols	8.46	107	75042	40.38	ng		98
22) Acetophenone	8.48	105	88418	38.60	ng	#	98
24) Nitrobenzene	8.86	77	76083	38.46	ng		94
25) Isophorone	9.39	82	134237	36.03	ng		99
26) 2-Nitrophenol	9.57	139	34840	39.40	ng		89
27) 2,4-Dimethylphenol	9.65	122	60361	41.48	ng		95
28) bis(2-Chloroethoxy)methane	9.87	93	70478	38.85	ng		93
29) 2,4-Dichlorophenol	10.12	162	59757	43.53	ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	58424	37.51	ng		95
31) Naphthalene	10.50	128	180881	39.16	ng		98
32) Benzoic acid	9.80	122	32404	32.86	ng		92
33) 4-Chloroaniline	10.63	127	30561	13.99	ng		96
34) Hexachlorobutadiene	10.79	225	37306	37.83	ng		99
35) Caprolactam	11.39	113	30329m	43.94	ng		
36) 4-Chloro-3-methylphenol	11.78	107	75674	43.62	ng		96
37) 2-Methylnaphthalene	12.12	142	141102	38.52	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	69018	38.27	ng		99
40) Hexachlorocyclopentadiene	12.48	237	88434	80.38	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	52135	40.75	ng		97
43) 2,4,5-Trichlorophenol	12.84	196	58739	44.56	ng		96
45) 1,1'-Biphenyl	13.15	154	182146	39.67	ng		97
46) 2-Chloronaphthalene	13.19	162	142416	39.17	ng		97
47) 2-Nitroaniline	13.41	65	61491	43.47	ng		95
48) Acenaphthylene	14.04	152	250812	40.28	ng		98
49) Dimethylphthalate	13.78	163	199435	40.01	ng		98
50) 2,6-Dinitrotoluene	13.90	165	47093	42.63	ng		96
51) Acenaphthene	14.39	154	145686	39.61	ng		99
52) 3-Nitroaniline	14.24	138	30727	25.07	ng	#	94
53) 2,4-Dinitrophenol	14.45	184	50067	78.07	ng		98
54) Dibenzofuran	14.72	168	233695	42.74	ng		100
55) 4-Nitrophenol	14.59	139	89500	90.70	ng		97
56) 2,4-Dinitrotoluene	14.70	165	69789	45.30	ng		91
57) Fluorene	15.37	166	205315	42.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	56662	46.83	ng	#	98
59) Diethylphthalate	15.15	149	222039	41.47	ng		100
60) 4-Chlorophenyl-phenylether	15.37	204	107573	43.27	ng		94
61) 4-Nitroaniline	15.41	138	60927	44.56	ng		97
62) Azobenzene	15.66	77	230469	45.06	ng		96
64) 4,6-Dinitro-2-methylphenol	15.46	198	41781	37.08	ng		91
65) n-Nitrosodiphenylamine	15.58	169	182461	36.15	ng		98
66) 4-Bromophenyl-phenylether	16.26	248	68491	38.19	ng		99
67) Hexachlorobenzene	16.37	284	72875	38.51	ng		98
68) Atrazine	16.54	200	80895	43.81	ng		99
69) Pentachlorophenol	16.72	266	94156	79.71	ng		94
70) Phenanthrene	17.11	178	343789	40.55	ng		99
71) Anthracene	17.20	178	344136	40.05	ng		98
72) Carbazole	17.48	167	343617	43.52	ng		97
73) Di-n-butylphthalate	18.04	149	448923	42.49	ng		98
74) Fluoranthene	19.13	202	435544	42.78	ng		97
76) Benzidine	19.32	184	172343	27.43	ng		97
77) Pyrene	19.49	202	454481	38.50	ng		99
79) Butylbenzylphthalate	20.40	149	209763	39.08	ng		99
80) Benzo(a)anthracene	21.24	228	432208	39.20	ng		99
81) 3,3'-Dichlorobenzidine	21.18	252	107979	25.31	ng		97
82) Chrysene	21.29	228	413667	40.28	ng		96
83) Bis(2-ethylhexyl)phthalate	21.17	149	298048	39.07	ng		100
84) Di-n-octyl phthalate	22.05	149	500585	39.42	ng		98
85) Indeno(1,2,3-cd)pyrene	25.78	276	485599	39.51	ng		98
87) Benzo(b)fluoranthene	22.82	252	435296	40.07	ng		98
88) Benzo(k)fluoranthene	22.86	252	418736	40.60	ng		99
89) Benzo(a)pyrene	23.40	252	415894	41.69	ng		100
90) Dibenzo(a,h)anthracene	25.80	278	410209	40.05	ng	#	97
91) Benzo(g,h,i)perylene	26.48	276	392221	40.69	ng	#	96

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

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