Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017303.D
Acq On : 27 May 2015 15:41
Operator : TP/IZ
Sample : PB83599BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83599BS

Quant Time: May 28 03:27:44 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	25569	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	104173	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	66017	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	158183	20.00	ng		0.00
75) Chrysene-d12	21.26	240	186428	20.00	ng		0.00
86) Perylene-d12	23.51	264	181676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	201662	139.93	ng		0.00
7) Phenol-d6	6.87	99	265216	131.14	ng		0.00
23) Nitrobenzene-d5	8.83	82	175920	78.84	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	119139	149.29	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	377462	83.90	ng		0.00
78) Terphenyl-d14	19.70	244	728852	81.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	19929	35.05	ng		97
3) Pyridine	3.52	79	61588	35.80	ng		96
4) n-Nitrosodimethylamine	3.44	42	46316	35.47	ng	#	89
6) Aniline	6.99	93	77193	27.59	ng		93
8) 2-Chlorophenol	7.24	128	72096	41.82	ng		93
9) Benzaldehyde	6.80	77	8978	5.23	ng	#	83
10) Phenol	6.89	94	92961	43.34	ng		96
11) bis(2-Chloroethyl)ether	7.09	93	65580	40.78	ng		91
12) 1,3-Dichlorobenzene	7.55	146	72833	37.83	ng		97
13) 1,4-Dichlorobenzene	7.69	146	75563	38.88	ng		95
14) 1,2-Dichlorobenzene	8.01	146	69812	37.61	ng		96
15) Benzyl Alcohol	7.91	79	75400	38.37	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	108390	41.57	ng		96
17) 2-Methylphenol	8.13	107	63217	40.65	ng		88
18) Hexachloroethane	8.73	117	30850	38.00	ng		93
19) n-Nitroso-di-n-propylamine	8.47	70	62319	35.37	ng		93
20) 3+4-Methylphenols	8.46	107	87250	40.37	ng		92
22) Acetophenone	8.49	105	108356	42.86	ng		99
24) Nitrobenzene	8.86	77	90749	41.57	ng		98
25) Isophorone	9.39	82	156678	38.10	ng		97
26) 2-Nitrophenol	9.57	139	40456	41.45	ng		92
27) 2,4-Dimethylphenol	9.66	122	72792	45.32	ng		92
28) bis(2-Chloroethoxy)methane	9.87	93	83850	41.88	ng		97
29) 2,4-Dichlorophenol	10.12	162	71066	46.90	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	71943	41.85	ng		96
31) Naphthalene	10.50	128	211145	41.42	ng	#	96
32) Benzoic acid	9.81	122	42595	39.13	ng		92
33) 4-Chloroaniline	10.63	127	56438	23.41	ng	#	91
34) Hexachlorobutadiene	10.79	225	45631	41.92	ng		99
35) Caprolactam	11.40	113	32602m	42.79	ng		
36) 4-Chloro-3-methylphenol	11.78	107	87565	45.74	ng		99
37) 2-Methylnaphthalene	12.12	142	163246	40.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	82208	44.01	ng		99
40) Hexachlorocyclopentadiene	12.48	237	106978	93.90	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	60383	45.58	ng		95
43) 2,4,5-Trichlorophenol	12.84	196	66248	48.53	ng		94
45) 1,1'-Biphenyl	13.15	154	207023	43.54	ng		97
46) 2-Chloronaphthalene	13.19	162	163799	43.51	ng		96
47) 2-Nitroaniline	13.40	65	65604	44.79	ng		98
48) Acenaphthylene	14.04	152	281166	43.60	ng		97
49) Dimethylphthalate	13.79	163	225899	43.76	ng		99
50) 2,6-Dinitrotoluene	13.91	165	51821	45.30	ng		95
51) Acenaphthene	14.39	154	163594	42.95	ng		93
52) 3-Nitroaniline	14.24	138	41803	32.94	ng		97
53) 2,4-Dinitrophenol	14.45	184	61429	92.50	ng		96
54) Dibenzofuran	14.72	168	259361	45.81	ng		98
55) 4-Nitrophenol	14.60	139	97325	95.24	ng		91
56) 2,4-Dinitrotoluene	14.70	165	78509	49.21	ng		91
57) Fluorene	15.37	166	226235	45.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.96	232	59626	47.59	ng		99
59) Diethylphthalate	15.16	149	242991	43.82	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	118237	45.93	ng		94
61) 4-Nitroaniline	15.41	138	65596	46.33	ng		98
62) Azobenzene	15.66	77	246347	46.51	ng		96
64) 4,6-Dinitro-2-methylphenol	15.46	198	46819	43.18	ng		95
65) n-Nitrosodiphenylamine	15.59	169	198886	40.95	ng		97
66) 4-Bromophenyl-phenylether	16.27	248	74101	42.95	ng		96
67) Hexachlorobenzene	16.38	284	77045	42.32	ng		96
68) Atrazine	16.54	200	85190	47.96	ng		94
69) Pentachlorophenol	16.73	266	101706	89.49	ng		98
70) Phenanthrene	17.11	178	358255	43.92	ng		98
71) Anthracene	17.20	178	369578	44.71	ng		98
72) Carbazole	17.48	167	362167	47.68	ng		97
73) Di-n-butylphthalate	18.04	149	468528	46.10	ng		98
74) Fluoranthene	19.13	202	468146	47.79	ng		98
76) Benzidine	19.33	184	234454	38.52	ng		96
77) Pyrene	19.50	202	471627	41.23	ng		100
79) Butylbenzylphthalate	20.40	149	222802	42.84	ng		95
80) Benzo(a)anthracene	21.24	228	463140	43.35	ng		99
81) 3,3'-Dichlorobenzidine	21.18	252	125572	30.37	ng		98
82) Chrysene	21.30	228	431448	43.36	ng		99
83) Bis(2-ethylhexyl)phthalate	21.18	149	310031	41.95	ng		99
84) Di-n-octyl phthalate	22.05	149	526134	42.75	ng		98
85) Indeno(1,2,3-cd)pyrene	25.81	276	508912	42.74	ng		98
87) Benzo(b)fluoranthene	22.83	252	456747	43.13	ng		98
88) Benzo(k)fluoranthene	22.88	252	439179	43.68	ng		100
89) Benzo(a)pyrene	23.41	252	438253	45.06	ng		99
90) Dibenzo(a,h)anthracene	25.83	278	426535	42.72	ng		96
91) Benzo(g,h,i)perylene	26.52	276	407051	43.31	ng	#	96

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

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