Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017202.D
Acq On : 19 May 2015 17:31
Operator : TP/IZ
Sample : PB83480BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83480BS

Quant Time: May 20 02:29:25 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 02:03:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39805	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	172039	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	111277	20.00	ng		0.00
63) Phenanthrene-d10	17.10	188	269487	20.00	ng		0.00
75) Chrysene-d12	21.29	240	299793	20.00	ng		0.00
86) Perylene-d12	23.55	264	291065	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	279044	124.38	ng		0.00
7) Phenol-d6	6.90	99	370838	117.79	ng		0.00
23) Nitrobenzene-d5	8.86	82	241838	65.63	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	168676	125.39	ng		0.00
44) 2-Fluorobiphenyl	12.97	172	516343	68.09	ng		0.00
78) Terphenyl-d14	19.74	244	969529	67.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	29314	33.12	ng		95
3) Pyridine	3.55	79	90019	33.61	ng		94
4) n-Nitrosodimethylamine	3.48	42	69144	34.02	ng	#	98
6) Aniline	7.02	93	96210	22.09	ng		91
8) 2-Chlorophenol	7.27	128	104044	38.77	ng		98
9) Benzaldehyde	6.83	77	23303	9.11	ng		93
10) Phenol	6.92	94	132546	39.70	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	89635	35.80	ng		98
12) 1,3-Dichlorobenzene	7.58	146	104259	34.78	ng		94
13) 1,4-Dichlorobenzene	7.73	146	106490	35.19	ng		91
14) 1,2-Dichlorobenzene	8.05	146	98505	34.08	ng		99
15) Benzyl Alcohol	7.94	79	104462	34.15	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	150110	36.98	ng		97
17) 2-Methylphenol	8.16	107	90520	37.39	ng		89
18) Hexachloroethane	8.77	117	43707	34.58	ng		95
19) n-Nitroso-di-n-propylamine	8.51	70	87579	31.93	ng		97
20) 3+4-Methylphenols	8.49	107	124180	36.91	ng		95
22) Acetophenone	8.52	105	146802	35.16	ng		98
24) Nitrobenzene	8.90	77	125609	34.84	ng		97
25) Isophorone	9.42	82	223373	32.89	ng		99
26) 2-Nitrophenol	9.60	139	53759	33.36	ng	#	85
27) 2,4-Dimethylphenol	9.69	122	100912	38.04	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	117475	35.52	ng	#	97
29) 2,4-Dichlorophenol	10.16	162	101148	40.42	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	101659	35.81	ng		98
31) Naphthalene	10.54	128	296774	35.25	ng		97
32) Benzoic acid	9.83	122	58932	32.78	ng	#	79
33) 4-Chloroaniline	10.66	127	78199	19.64	ng	#	95
34) Hexachlorobutadiene	10.83	225	60465	33.64	ng		93
35) Caprolactam	11.43	113	47280m	37.58	ng		
36) 4-Chloro-3-methylphenol	11.81	107	127925	40.46	ng		98
37) 2-Methylnaphthalene	12.16	142	228857	34.28	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	110708	35.16	ng		98
40) Hexachlorocyclopentadiene	12.51	237	144799	75.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	86278	38.63	ng		98
43) 2,4,5-Trichlorophenol	12.88	196	95427	41.47	ng		98
45) 1,1'-Biphenyl	13.18	154	290867	36.29	ng		98
46) 2-Chloronaphthalene	13.22	162	228396	35.99	ng		97
47) 2-Nitroaniline	13.43	65	95409	38.64	ng		95
48) Acenaphthylene	14.08	152	392381	36.10	ng		99
49) Dimethylphthalate	13.82	163	319298	36.70	ng		99
50) 2,6-Dinitrotoluene	13.93	165	75937	39.38	ng		97
51) Acenaphthene	14.42	154	234162	36.47	ng		98
52) 3-Nitroaniline	14.27	138	56574	26.45	ng	#	95
53) 2,4-Dinitrophenol	14.47	184	89542	79.99	ng		94
54) Dibenzofuran	14.76	168	356639	37.37	ng		98
55) 4-Nitrophenol	14.62	139	144643	83.97	ng		99
56) 2,4-Dinitrotoluene	14.73	165	111584	41.49	ng		97
57) Fluorene	15.40	166	319452	37.82	ng	#	97
58) 2,3,4,6-Tetrachlorophenol	14.99	232	89615	42.44	ng		99
59) Diethylphthalate	15.19	149	350342	37.49	ng		98
60) 4-Chlorophenyl-phenylether	15.40	204	162739	37.51	ng		95
61) 4-Nitroaniline	15.44	138	92616	38.81	ng		99
62) Azobenzene	15.70	77	353848	39.63	ng		95
64) 4,6-Dinitro-2-methylphenol	15.49	198	63790	34.54	ng		95
65) n-Nitrosodiphenylamine	15.62	169	288204	34.84	ng		98
66) 4-Bromophenyl-phenylether	16.30	248	102788	34.97	ng		95
67) Hexachlorobenzene	16.41	284	107508	34.66	ng		98
68) Atrazine	16.57	200	121602	40.18	ng		95
69) Pentachlorophenol	16.76	266	142448	73.57	ng		94
70) Phenanthrene	17.15	178	512087	36.85	ng		98
71) Anthracene	17.24	178	536608	38.10	ng		97
72) Carbazole	17.51	167	511852	39.55	ng		98
73) Di-n-butylphthalate	18.08	149	673614	38.90	ng		99
74) Fluoranthene	19.17	202	633612	37.97	ng		95
76) Benzidine	19.36	184	245260	25.06	ng		98
77) Pyrene	19.53	202	658113	35.78	ng		100
79) Butylbenzylphthalate	20.43	149	305562	36.54	ng		96
80) Benzo(a)anthracene	21.27	228	637080	37.08	ng		100
81) 3,3'-Dichlorobenzidine	21.21	252	179708	27.03	ng		99
82) Chrysene	21.33	228	576948	36.05	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	436558	36.73	ng		99
84) Di-n-octyl phthalate	22.09	149	736736	37.23	ng		99
85) Indeno(1,2,3-cd)pyrene	25.87	276	703364	36.73	ng		99
87) Benzo(b)fluoranthene	22.87	252	639204m	37.67	ng		
88) Benzo(k)fluoranthene	22.92	252	580737	36.05	ng		100
89) Benzo(a)pyrene	23.45	252	604084	38.77	ng		99
90) Dibenzo(a,h)anthracene	25.89	278	590005	36.88	ng		98
91) Benzo(g,h,i)perylene	26.58	276	558354	37.09	ng	#	95

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

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