Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017328.D
Acq On : 28 May 2015 16:51
Operator : TP/IZ
Sample : PB83579BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83579BS

Manual Integrations APPROVED
apatel
5/29/2015 5:44:06 PM

Quant Time: May 29 01:31:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 01:04:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	31646	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	135579	20.00	ng		0.00
38) Acenaphthene-d10	14.31	164	87328	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	215292	20.00	ng		0.00
75) Chrysene-d12	21.25	240	275258	20.00	ng		0.00
86) Perylene-d12	23.49	264	270954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	23255	13.04	ng		0.00
7) Phenol-d6	6.86	99	31208	12.47	ng		0.00
23) Nitrobenzene-d5	8.82	82	20592	7.09	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	12353	11.70	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	44519	7.48	ng		0.00
78) Terphenyl-d14	19.70	244	88573	6.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	3151	4.48	ng	#	75
3) Pyridine	3.52	79	7339	3.45	ng		86
4) n-Nitrosodimethylamine	3.44	42	5986	3.70	ng	#	93
6) Aniline	6.99	93	9432	2.72	ng	#	89
8) 2-Chlorophenol	7.23	128	8171	3.83	ng		92
10) Phenol	6.88	94	10392	3.91	ng		97
11) bis(2-Chloroethyl)ether	7.08	93	7770	3.90	ng		94
12) 1,3-Dichlorobenzene	7.55	146	8718	3.66	ng	#	92
13) 1,4-Dichlorobenzene	7.69	146	9115	3.79	ng		94
14) 1,2-Dichlorobenzene	8.00	146	8849	3.85	ng		94
15) Benzyl Alcohol	7.90	79	7959	3.27	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.20	45	13522	4.19	ng		93
17) 2-Methylphenol	8.12	107	6883	3.58	ng		94
18) Hexachloroethane	8.73	117	3690	3.67	ng		89
19) n-Nitroso-di-n-propylamine	8.46	70	7236	3.32	ng	#	82
20) 3+4-Methylphenols	8.46	107	9624	3.60	ng	#	80
22) Acetophenone	8.47	105	12003	3.65	ng	#	95
24) Nitrobenzene	8.86	77	10924	3.84	ng		97
25) Isophorone	9.37	82	17227	3.22	ng		99
26) 2-Nitrophenol	9.57	139	4314	3.40	ng		98
27) 2,4-Dimethylphenol	9.64	122	8314	3.98	ng		85
28) bis(2-Chloroethoxy)methane	9.87	93	9196	3.53	ng		95
29) 2,4-Dichlorophenol	10.13	162	7470	3.79	ng		94
30) 1,2,4-Trichlorobenzene	10.31	180	8148	3.64	ng		99
31) Naphthalene	10.50	128	24118	3.64	ng		97
33) 4-Chloroaniline	10.63	127	8687	2.77	ng	#	93
34) Hexachlorobutadiene	10.78	225	5409	3.82	ng		87
35) Caprolactam	11.37	113	3496	3.53	ng		91
36) 4-Chloro-3-methylphenol	11.77	107	9760	3.92	ng	#	97
37) 2-Methylnaphthalene	12.12	142	18789	3.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	9484	3.84	ng		99
40) Hexachlorocyclopentadiene	12.47	237	5724	3.80	ng		90
42) 2,4,6-Trichlorophenol	12.75	196	5782	3.30	ng		100
43) 2,4,5-Trichlorophenol	12.83	196	7015	3.88	ng		93

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QLast Update : Fri May 29 01:04:23 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.14	154	24165	3.84	ng		96
46) 2-Chloronaphthalene	13.18	162	18845	3.78	ng	#	85
47) 2-Nitroaniline	13.40	65	7012	3.62	ng		87
48) Acenaphthylene	14.03	152	30307	3.55	ng	#	95
49) Dimethylphthalate	13.77	163	25139	3.68	ng	#	94
50) 2,6-Dinitrotoluene	13.90	165	5660	3.74	ng		96
51) Acenaphthene	14.38	154	19075	3.79	ng		97
52) 3-Nitroaniline	14.23	138	4642	2.77	ng	#	67
53) 2,4-Dinitrophenol	14.44	184	4334	4.93	ng	#	82
54) Dibenzofuran	14.71	168	29060	3.88	ng		96
55) 4-Nitrophenol	14.59	139	8712	6.44	ng	#	78
56) 2,4-Dinitrotoluene	14.69	165	7354	3.48	ng	#	96
57) Fluorene	15.37	166	26035	3.93	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	5843	3.53	ng	#	95
59) Diethylphthalate	15.14	149	27529	3.75	ng		93
60) 4-Chlorophenyl-phenylether	15.36	204	13491	3.96	ng		93
61) 4-Nitroaniline	15.39	138	6676	3.56	ng		98
62) Azobenzene	15.65	77	28940	4.13	ng		97
64) 4,6-Dinitro-2-methylphenol	15.45	198	4020	2.72	ng		90
65) n-Nitrosodiphenylamine	15.58	169	22466	3.40	ng		97
66) 4-Bromophenyl-phenylether	16.25	248	8223	3.50	ng		85
67) Hexachlorobenzene	16.37	284	8948	3.61	ng		91
68) Atrazine	16.53	200	9032	3.74	ng		95
69) Pentachlorophenol	16.72	266	8027	5.19	ng		94
70) Phenanthrene	17.11	178	40599	3.66	ng		98
71) Anthracene	17.19	178	40548m	3.60	ng		
72) Carbazole	17.47	167	41052	3.97	ng		94
73) Di-n-butylphthalate	18.03	149	53465	3.86	ng		98
74) Fluoranthene	19.13	202	54024	4.05	ng		98
76) Benzidine	19.32	184	26795	2.98	ng		96
77) Pyrene	19.49	202	56169	3.33	ng		99
79) Butylbenzylphthalate	20.39	149	26320	3.43	ng		95
80) Benzo(a)anthracene	21.24	228	58872	3.73	ng		96
81) 3,3'-Dichlorobenzidine	21.17	252	15389	2.52	ng		95
82) Chrysene	21.28	228	55097	3.75	ng		97
83) Bis(2-ethylhexyl)phthalate	21.17	149	40751	3.73	ng	#	95
84) Di-n-octyl phthalate	22.04	149	63848	3.51	ng		99
85) Indeno(1,2,3-cd)pyrene	25.77	276	63222	3.60	ng		98
87) Benzo(b)fluoranthene	22.81	252	55986	3.54	ng		98
88) Benzo(k)fluoranthene	22.86	252	56054	3.74	ng		97
89) Benzo(a)pyrene	23.39	252	53398	3.68	ng		93
90) Dibenzo(a,h)anthracene	25.78	278	54004	3.63	ng		98
91) Benzo(g,h,i)perylene	26.48	276	51775	3.69	ng		98

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

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