Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
Data File : BG016306.D
Acq On : 10 Apr 2015 2:02
Operator : TP/IZ
Sample : PB82620BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82620BS

Manual Integrations APPROVED
apatel
4/10/2015 5:15:22 PM

Quant Time: Apr 10 03:57:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	84157	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	395550	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	230399	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	484404	20.00	ng	0.00
75) Chrysene-d12	21.26	240	428183	20.00	ng	0.00
86) Perylene-d12	23.50	264	399098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	603422	113.16	ng	0.00
7) Phenol-d6	6.88	99	878819	109.78	ng	0.01
23) Nitrobenzene-d5	8.85	82	439248	64.33	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	179754	115.36	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	930898	68.79	ng	0.00
78) Terphenyl-d14	19.71	244	1142719	62.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	62214	25.66	ng	97
3) Pyridine	3.57	79	186177	25.70	ng	97
4) n-Nitrosodimethylamine	3.49	42	63231	29.36	ng	96
6) Aniline	7.03	93	176680	15.45	ng	98
8) 2-Chlorophenol	7.27	128	236199	36.88	ng	97
9) Benzaldehyde	6.84	77	67348	14.36	ng	96
10) Phenol	6.91	94	317504	37.07	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	209662	30.70	ng	98
12) 1,3-Dichlorobenzene	7.58	146	203078	31.40	ng	97
13) 1,4-Dichlorobenzene	7.73	146	208112	31.02	ng	98
14) 1,2-Dichlorobenzene	8.05	146	202317	31.54	ng	99
15) Benzyl Alcohol	7.94	79	180587	32.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	233155	30.31	ng	99
17) 2-Methylphenol	8.15	107	205328	35.75	ng	97
18) Hexachloroethane	8.77	117	77237	30.10	ng	96
19) n-Nitroso-di-n-propylamine	8.50	70	159750	27.85	ng	98
20) 3+4-Methylphenols	8.48	107	277899	34.93	ng	99
22) Acetophenone	8.52	105	295319	32.20	ng	99
24) Nitrobenzene	8.90	77	227349	31.14	ng	95
25) Isophorone	9.42	82	436874	28.81	ng	99
26) 2-Nitrophenol	9.61	139	125128	36.75	ng	98
27) 2,4-Dimethylphenol	9.68	122	235696	37.16	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	277154	32.02	ng	99
29) 2,4-Dichlorophenol	10.15	162	199666	39.79	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	176529	33.69	ng	99
31) Naphthalene	10.53	128	663455	32.19	ng	99
32) Benzoic acid	9.82	122	138060	36.03	ng	97
33) 4-Chloroaniline	10.65	127	99807	10.32	ng	97
34) Hexachlorobutadiene	10.82	225	74789	32.50	ng	98
35) Caprolactam	11.42	113	110906m	35.10	ng	
36) 4-Chloro-3-methylphenol	11.79	107	244920	36.94	ng	98
37) 2-Methylnaphthalene	12.15	142	488326	32.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	168309	33.18	ng	99
40) Hexachlorocyclopentadiene	12.50	237	167274	72.04	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	137373	36.44	ng	98
43) 2,4,5-Trichlorophenol	12.85	196	156997	38.98	ng	98
45) 1,1'-Biphenyl	13.17	154	592861	33.54	ng	98
46) 2-Chloronaphthalene	13.21	162	447611	33.25	ng	100
47) 2-Nitroaniline	13.42	65	152006	35.03	ng	94
48) Acenaphthylene	14.06	152	781468	32.64	ng	99
49) Dimethylphthalate	13.80	163	544786	32.26	ng	99
50) 2,6-Dinitrotoluene	13.92	165	142051	34.78	ng	92
51) Acenaphthene	14.40	154	474317	33.15	ng	98
52) 3-Nitroaniline	14.25	138	113632	21.79	ng	88
53) 2,4-Dinitrophenol	14.46	184	129717	57.48	ng	99
54) Dibenzofuran	14.73	168	679679	34.24	ng	99
55) 4-Nitrophenol	14.58	139	313759	72.79	ng	99
56) 2,4-Dinitrotoluene	14.71	165	198151	35.62	ng	92
57) Fluorene	15.39	166	591911	33.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	121781	39.18	ng	96
59) Diethylphthalate	15.16	149	583719	32.48	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	241118	33.66	ng	98
61) 4-Nitroaniline	15.42	138	198738	33.57	ng	99
62) Azobenzene	15.67	77	638731	33.39	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	97840	30.26	ng	99
65) n-Nitrosodiphenylamine	15.60	169	538375	32.88	ng	100
66) 4-Bromophenyl-phenylether	16.27	248	131201	33.92	ng	94
67) Hexachlorobenzene	16.39	284	134288	33.41	ng	99
68) Atrazine	16.55	200	165716	36.31	ng	98
69) Pentachlorophenol	16.74	266	173872	70.84	ng	98
70) Phenanthrene	17.12	178	895948	32.88	ng	99
71) Anthracene	17.21	178	914080	33.85	ng	100
72) Carbazole	17.48	167	951325	35.11	ng	100
73) Di-n-butylphthalate	18.05	149	1102418	33.24	ng	100
74) Fluoranthene	19.14	202	946312	33.70	ng	99
76) Benzidine	19.32	184	373822	20.59	ng	99
77) Pyrene	19.50	202	990941	33.24	ng	99
79) Butylbenzylphthalate	20.40	149	509588	34.79	ng	99
80) Benzo(a)anthracene	21.24	228	840889	33.23	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	173356	20.83	ng	99
82) Chrysene	21.29	228	806743	33.02	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	683486	34.47	ng	97
84) Di-n-octyl phthalate	22.04	149	1154597	35.74	ng	99
85) Indeno(1,2,3-cd)pyrene	25.79	276	865968	34.12	ng	99
87) Benzo(b)fluoranthene	22.82	252	803848	34.39	ng	100
88) Benzo(k)fluoranthene	22.87	252	753173	32.93	ng	97
89) Benzo(a)pyrene	23.41	252	766313	34.98	ng	100
90) Dibenzo(a,h)anthracene	25.80	278	722101	33.87	ng	99
91) Benzo(g,h,i)perylene	26.50	276	731471	34.35	ng	100

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

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