Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016889.D
Acq On : 6 May 2015 6:41
Operator : TP/IZ
Sample : PB83190BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83190BS

Manual Integrations APPROVED
apatel
5/6/2015 5:18:11 PM

Quant Time: May 06 07:54:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 07:03:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	78340	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	333701	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	212678	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	490642	20.00	ng		0.00
75) Chrysene-d12	21.37	240	508542	20.00	ng		0.00
86) Perylene-d12	23.67	264	496311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	529804	117.76	ng		0.00
7) Phenol-d6	6.97	99	702604	109.31	ng		0.00
23) Nitrobenzene-d5	8.96	82	441877	64.69	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	238711	111.80	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	919933	65.27	ng		0.00
78) Terphenyl-d14	19.82	244	1464144	67.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	53546	28.40	ng	#	1
3) Pyridine	3.69	79	161611	27.73	ng		98
4) n-Nitrosodimethylamine	3.60	42	113623	32.65	ng		95
6) Aniline	7.13	93	185389	20.54	ng		98
8) 2-Chlorophenol	7.37	128	184258	35.35	ng		98
9) Benzaldehyde	6.94	77	72684	13.97	ng		95
10) Phenol	6.99	94	246601	35.78	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	171494	32.18	ng		95
12) 1,3-Dichlorobenzene	7.69	146	178872	31.12	ng		98
13) 1,4-Dichlorobenzene	7.84	146	181618	31.20	ng		95
14) 1,2-Dichlorobenzene	8.15	146	175902	31.48	ng		98
15) Benzyl Alcohol	8.04	79	191521	32.62	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	320765	32.51	ng		98
17) 2-Methylphenol	8.24	107	165947	34.19	ng		97
18) Hexachloroethane	8.88	117	74585	31.17	ng		98
19) n-Nitroso-di-n-propylamine	8.61	70	161936	28.73	ng		94
20) 3+4-Methylphenols	8.57	107	220045	32.90	ng		97
22) Acetophenone	8.62	105	269366	33.89	ng		99
24) Nitrobenzene	9.00	77	226871	32.89	ng		96
25) Isophorone	9.52	82	414273	30.04	ng		99
26) 2-Nitrophenol	9.71	139	93740	33.38	ng		96
27) 2,4-Dimethylphenol	9.77	122	186831	36.76	ng		95
28) bis(2-Chloroethoxy)methane	10.01	93	226812	32.58	ng		98
29) 2,4-Dichlorophenol	10.24	162	170379	35.48	ng		97
30) 1,2,4-Trichlorobenzene	10.46	180	167989	32.99	ng		95
31) Naphthalene	10.64	128	522719	31.49	ng		98
32) Benzoic acid	9.89	122	111317	38.83	ng	#	87
33) 4-Chloroaniline	10.75	127	107007	13.96	ng		99
34) Hexachlorobutadiene	10.93	225	97729	30.66	ng		94
35) Caprolactam	11.52	113	84161m	33.74	ng		
36) 4-Chloro-3-methylphenol	11.88	107	212914	34.63	ng		98
37) 2-Methylnaphthalene	12.26	142	408160	32.29	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	181607	31.59	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	247500	66.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	139865	34.33	ng		93
43) 2,4,5-Trichlorophenol	12.94	196	150265	34.75	ng		96
45) 1,1'-Biphenyl	13.28	154	507381	33.32	ng		99
46) 2-Chloronaphthalene	13.32	162	396293	32.86	ng		98
47) 2-Nitroaniline	13.52	65	154343	36.76	ng		97
48) Acenaphthylene	14.16	152	677088	32.24	ng		100
49) Dimethylphthalate	13.90	163	531207	33.45	ng		98
50) 2,6-Dinitrotoluene	14.02	165	118404	35.91	ng		89
51) Acenaphthene	14.50	154	406078	32.49	ng		99
52) 3-Nitroaniline	14.35	138	87752	23.39	ng		94
53) 2,4-Dinitrophenol	14.55	184	119956	79.54	ng		98
54) Dibenzofuran	14.84	168	611115	34.43	ng		94
55) 4-Nitrophenol	14.65	139	237690	74.73	ng		96
56) 2,4-Dinitrotoluene	14.80	165	165328	39.19	ng		99
57) Fluorene	15.49	166	536834	34.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	132667	35.55	ng	#	77
59) Diethylphthalate	15.27	149	568801	33.93	ng		99
60) 4-Chlorophenyl-phenylether	15.48	204	269605	34.15	ng		98
61) 4-Nitroaniline	15.51	138	147966	34.02	ng		97
62) Azobenzene	15.78	77	634723	36.56	ng		98
64) 4,6-Dinitro-2-methylphenol	15.56	198	82417	33.88	ng		89
65) n-Nitrosodiphenylamine	15.70	169	471080	31.45	ng		98
66) 4-Bromophenyl-phenylether	16.38	248	158084	32.10	ng		96
67) Hexachlorobenzene	16.49	284	165780	31.92	ng		96
68) Atrazine	16.65	200	189037	35.07	ng		98
69) Pentachlorophenol	16.83	266	241077	71.50	ng		96
70) Phenanthrene	17.23	178	840393	33.28	ng		99
71) Anthracene	17.32	178	855593	33.59	ng		98
72) Carbazole	17.59	167	833723	34.43	ng		98
73) Di-n-butylphthalate	18.16	149	1050824	33.47	ng		99
74) Fluoranthene	19.25	202	991795	33.86	ng		99
76) Benzidine	19.43	184	424109	24.54	ng		99
77) Pyrene	19.60	202	1021390	34.03	ng		99
79) Butylbenzylphthalate	20.51	149	479401	33.61	ng		96
80) Benzo(a)anthracene	21.35	228	922228	33.80	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	216664	20.34	ng		98
82) Chrysene	21.40	228	868728	34.00	ng		98
83) Bis(2-ethylhexyl)phthalate	21.28	149	660976	33.87	ng		98
84) Di-n-octyl phthalate	22.18	149	1111662	33.91	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.04	276	1017606	33.42	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	925284	33.47	ng		99
88) Benzo(k)fluoranthene	23.02	252	869091	32.67	ng		99
89) Benzo(a)pyrene	23.56	252	890813	34.55	ng		97
90) Dibenzo(a,h)anthracene	26.05	278	856857	32.54	ng		98
91) Benzo(g,h,i)perylene	26.77	276	824738	32.89	ng		99

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

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