Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018757.D
Acq On : 18 Sep 2015 3:25
Operator : TP
Sample : G3685-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MSD

Manual Integrations APPROVED
MMDadoda
9/18/2015 4:58:07 PM

Quant Time: Sep 18 06:36:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 03:41:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42184	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	184484	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	134885	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	374268	20.00	ng		0.00
75) Chrysene-d12	21.63	240	373414	20.00	ng		0.00
86) Perylene-d12	24.82	264	388572	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	371702	152.21	ng		0.00
7) Phenol-d6	7.17	99	534946	152.78	ng		0.00
23) Nitrobenzene-d5	9.16	82	299610	90.88	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	283412	156.05	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	815869	83.97	ng		0.00
78) Terphenyl-d14	19.98	244	1317818	92.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	35674	34.95	ng	#	100
3) Pyridine	3.87	79	95203	30.09	ng		96
4) n-Nitrosodimethylamine	3.78	42	41573	37.73	ng	#	66
6) Aniline	7.32	93	87028	18.04	ng		95
8) 2-Chlorophenol	7.57	128	139683	49.54	ng		95
9) Benzaldehyde	7.13	77	54548	28.94	ng		95
10) Phenol	7.19	94	189735	51.29	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	128243	44.74	ng		98
12) 1,3-Dichlorobenzene	7.89	146	140392	42.79	ng		99
13) 1,4-Dichlorobenzene	8.04	146	143868	43.73	ng		96
14) 1,2-Dichlorobenzene	8.36	146	140473	44.72	ng		98
15) Benzyl Alcohol	8.24	79	119241	47.25	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	144382	44.36	ng		99
17) 2-Methylphenol	8.44	107	130206	50.66	ng		97
18) Hexachloroethane	9.08	117	48841	41.52	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	103177	41.84	ng		97
20) 3+4-Methylphenols	8.77	107	183429	50.83	ng		94
22) Acetophenone	8.82	105	210238	44.98	ng	#	98
24) Nitrobenzene	9.20	77	151921	43.39	ng		96
25) Isophorone	9.72	82	296306	41.79	ng		98
26) 2-Nitrophenol	9.91	139	78211	47.89	ng		96
27) 2,4-Dimethylphenol	9.97	122	145002	48.89	ng		93
28) bis(2-Chloroethoxy)methane	10.21	93	186068	45.70	ng		98
29) 2,4-Dichlorophenol	10.45	162	162798	54.32	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	150086	45.19	ng		96
31) Naphthalene	10.85	128	444863	45.03	ng		98
32) Benzoic acid	10.09	122	51397	25.36	ng		94
33) 4-Chloroaniline	10.96	127	54035	12.09	ng		97
34) Hexachlorobutadiene	11.14	225	87103	44.48	ng		95
35) Caprolactam	11.73	113	64315m	49.91	ng		
36) 4-Chloro-3-methylphenol	12.09	107	178898	53.50	ng		100
37) 2-Methylnaphthalene	12.46	142	338578	46.82	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	184829	43.20	ng		99
40) Hexachlorocyclopentadiene	12.81	237	181738	84.59	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	142087	47.96	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	167516	51.54	ng		98
45) 1,1'-Biphenyl	13.46	154	469281	43.75	ng		99
46) 2-Chloronaphthalene	13.51	162	367739	44.50	ng		99
47) 2-Nitroaniline	13.71	65	116029	46.66	ng		91
48) Acenaphthylene	14.35	152	655523	44.87	ng		98
49) Dimethylphthalate	14.08	163	696400	62.35	ng		99
50) 2,6-Dinitrotoluene	14.20	165	118129	48.67	ng		97
51) Acenaphthene	14.70	154	380529	44.77	ng		97
52) 3-Nitroaniline	14.53	138	68766	23.71	ng		91
53) 2,4-Dinitrophenol	14.74	184	64220	54.94	ng		97
54) Dibenzofuran	15.02	168	629645	47.67	ng		99
55) 4-Nitrophenol	14.85	139	216770	96.82	ng		94
56) 2,4-Dinitrotoluene	14.99	165	176180	51.19	ng		93
57) Fluorene	15.68	166	535801	47.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.25	232	155524	51.03	ng		98
59) Diethylphthalate	15.44	149	528377	45.35	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	262927	48.12	ng		96
61) 4-Nitroaniline	15.69	138	135794	43.43	ng		97
62) Azobenzene	15.96	77	472619	45.91	ng		96
64) 4,6-Dinitro-2-methylphenol	15.75	198	76883	39.23	ng		100
65) n-Nitrosodiphenylamine	15.88	169	479260	44.21	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	179532	47.16	ng		98
67) Hexachlorobenzene	16.68	284	196643	47.55	ng		96
68) Atrazine	16.83	200	194712	45.18	ng		100
69) Pentachlorophenol	17.02	266	223556	87.65	ng		93
70) Phenanthrene	17.42	178	886170	45.02	ng		99
71) Anthracene	17.50	178	904683	45.38	ng		100
72) Carbazole	17.77	167	841595	43.62	ng		99
73) Di-n-butylphthalate	18.33	149	1000607	43.97	ng		99
74) Fluoranthene	19.42	202	1041792	42.73	ng		99
76) Benzidine	19.60	184	174907	15.60	ng		97
77) Pyrene	19.78	202	1068723	46.57	ng		100
79) Butylbenzylphthalate	20.67	149	437945	46.94	ng		96
80) Benzo(a)anthracene	21.61	228	996945	46.37	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	209330	25.63	ng		98
82) Chrysene	21.68	228	904161	44.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	638359	47.43	ng		99
84) Di-n-octyl phthalate	22.72	149	1087208	47.76	ng		100
85) Indeno(1,2,3-cd)pyrene	28.44	276	1180347	45.92	ng	#	100
87) Benzo(b)fluoranthene	23.81	252	1047788	46.50	ng		98
88) Benzo(k)fluoranthene	23.88	252	984679	43.62	ng		99
89) Benzo(a)pyrene	24.67	252	1012789	47.24	ng		100
90) Dibenzo(a,h)anthracene	28.52	278	962033	45.57	ng		97
91) Benzo(g,h,i)perylene	29.60	276	963767	44.83	ng		99

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

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