Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016385.D
Acq On : 14 Apr 2015 7:11
Operator : TP/IZ
Sample : G1849-07MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-06-COMPMSD

Manual Integrations APPROVED
apatel
4/14/2015 5:28:47 PM

Quant Time: Apr 14 08:22:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 08:09:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	88244	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	384063	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	211029	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	413222	20.00	ng		0.00
75) Chrysene-d12	21.24	240	373795	20.00	ng		0.00
86) Perylene-d12	23.47	264	352318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	771704	138.02	ng		0.00
7) Phenol-d6	6.86	99	1085451	129.32	ng		0.00
23) Nitrobenzene-d5	8.83	82	578504	87.26	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	199814	140.01	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	1098513	88.63	ng		0.00
78) Terphenyl-d14	19.69	244	1188840	74.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	80869	31.82	ng		99
3) Pyridine	3.54	79	235776	31.04	ng		97
4) n-Nitrosodimethylamine	3.47	42	80682	35.73	ng		98
6) Aniline	7.01	93	313278	26.13	ng		98
8) 2-Chlorophenol	7.25	128	288510	42.97	ng		96
9) Benzaldehyde	6.82	77	65847	13.39	ng		97
10) Phenol	6.89	94	400064	44.55	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	276252	38.58	ng		99
12) 1,3-Dichlorobenzene	7.56	146	266295	39.27	ng		98
13) 1,4-Dichlorobenzene	7.71	146	272991	38.81	ng		96
14) 1,2-Dichlorobenzene	8.03	146	264781	39.36	ng		98
15) Benzyl Alcohol	7.92	79	225266	38.50	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	293705	36.42	ng		99
17) 2-Methylphenol	8.13	107	244367	40.58	ng		97
18) Hexachloroethane	8.74	117	100546	37.36	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	202009	33.59	ng		98
20) 3+4-Methylphenols	8.46	107	328563	39.39	ng		96
22) Acetophenone	8.50	105	378614	42.52	ng		98
24) Nitrobenzene	8.87	77	283386	39.97	ng		97
25) Isophorone	9.39	82	547007	37.15	ng		98
26) 2-Nitrophenol	9.58	139	160313	48.49	ng		98
27) 2,4-Dimethylphenol	9.65	122	274972	44.65	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	338402	40.27	ng		99
29) 2,4-Dichlorophenol	10.12	162	236136	48.46	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	220133	43.27	ng		98
31) Naphthalene	10.51	128	817164	40.83	ng		99
32) Benzoic acid	9.65	122	274462	64.63	ng	#	13
33) 4-Chloroaniline	10.62	127	244876	26.08	ng		97
34) Hexachlorobutadiene	10.80	225	96266	43.08	ng		98
35) Caprolactam	11.39	113	123990m	40.42	ng		
36) 4-Chloro-3-methylphenol	11.76	107	277468	43.11	ng		96
37) 2-Methylnaphthalene	12.13	142	583744	40.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	199437	42.92	ng		99
40) Hexachlorocyclopentadiene	12.48	237	183466	86.27	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	159287	46.14	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	173458	47.02	ng	98
45) 1,1'-Biphenyl	13.15	154	687983	42.50	ng	98
46) 2-Chloronaphthalene	13.19	162	519135	42.10	ng	100
47) 2-Nitroaniline	13.40	65	166296	41.84	ng	95
48) Acenaphthylene	14.04	152	883208	40.28	ng	99
49) Dimethylphthalate	13.78	163	715414	46.26	ng	99
50) 2,6-Dinitrotoluene	13.90	165	161798	43.25	ng	95
51) Acenaphthene	14.38	154	533605	40.72	ng	100
52) 3-Nitroaniline	14.23	138	151831	31.78	ng	91
53) 2,4-Dinitrophenol	14.44	184	85654	43.74	ng	96
54) Dibenzofuran	14.71	168	765764	42.11	ng	100
55) 4-Nitrophenol	14.56	139	342757	86.82	ng	98
56) 2,4-Dinitrotoluene	14.69	165	224631	44.09	ng	91
57) Fluorene	15.37	166	655034	40.83	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	132635	46.59	ng	95
59) Diethylphthalate	15.15	149	657280	39.92	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	269106	41.01	ng	99
61) 4-Nitroaniline	15.40	138	220229	40.62	ng	98
62) Azobenzene	15.65	77	754822	43.08	ng	99
64) 4,6-Dinitro-2-methylphenol	15.45	198	113337	39.70	ng	93
65) n-Nitrosodiphenylamine	15.58	169	585929	41.94	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	141720	42.95	ng	97
67) Hexachlorobenzene	16.37	284	145405	42.40	ng	97
68) Atrazine	16.53	200	184369	47.36	ng	98
69) Pentachlorophenol	16.72	266	185035	88.37	ng	98
70) Phenanthrene	17.10	178	945075	40.66	ng	99
71) Anthracene	17.19	178	959374	41.65	ng	99
72) Carbazole	17.47	167	1020201	44.13	ng	100
73) Di-n-butylphthalate	18.03	149	1173889	41.50	ng	100
74) Fluoranthene	19.12	202	1000616	41.77	ng	98
76) Benzidine	19.31	184	506355	31.94	ng	98
77) Pyrene	19.48	202	1049296	40.31	ng	99
79) Butylbenzylphthalate	20.38	149	566624	44.31	ng	98
80) Benzo(a)anthracene	21.22	228	917103	41.51	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	213918	29.45	ng	99
82) Chrysene	21.28	228	868994	40.74	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	786315	45.42	ng	98
84) Di-n-octyl phthalate	22.03	149	1309415	46.42	ng	99
85) Indeno(1,2,3-cd)pyrene	25.76	276	955740	43.14	ng	99
87) Benzo(b)fluoranthene	22.80	252	889638	43.11	ng	99
88) Benzo(k)fluoranthene	22.85	252	814295	40.33	ng	97
89) Benzo(a)pyrene	23.38	252	841146	43.49	ng	99
90) Dibenzo(a,h)anthracene	25.77	278	793249	42.15	ng	97
91) Benzo(g,h,i)perylene	26.46	276	807051	42.93	ng	97

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

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