Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016248.D
Acq On : 7 Apr 2015 10:13
Operator : TP/IZ
Sample : G1779-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(7-9)MS

Manual Integrations APPROVED
apatel
4/7/2015 5:08:30 PM

Quant Time: Apr 07 15:23:49 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	71101	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	343407	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	209729	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	449509	20.00	ng		0.00
75) Chrysene-d12	21.26	240	399917	20.00	ng		0.00
86) Perylene-d12	23.50	264	370935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	490285	108.83	ng		0.00
7) Phenol-d6	6.88	99	731308	108.13	ng		0.00
23) Nitrobenzene-d5	8.86	82	377937	63.75	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	152276	107.36	ng		0.00
44) 2-Fluorobiphenyl	12.96	172	754782	61.27	ng		0.00
78) Terphenyl-d14	19.71	244	948291	55.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	53044	25.90	ng		97
3) Pyridine	3.57	79	145733	23.81	ng		97
4) n-Nitrosodimethylamine	3.49	42	52203	28.69	ng		94
6) Aniline	7.03	93	136448	14.13	ng		99
8) 2-Chlorophenol	7.26	128	186610	34.49	ng		97
9) Benzaldehyde	6.84	77	75523	19.07	ng		98
10) Phenol	6.90	94	255533	35.31	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	175864	30.48	ng		98
12) 1,3-Dichlorobenzene	7.59	146	161138	29.49	ng		98
13) 1,4-Dichlorobenzene	7.73	146	169315	29.87	ng		98
14) 1,2-Dichlorobenzene	8.05	146	163999	30.26	ng		99
15) Benzyl Alcohol	7.94	79	150089	31.84	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	197879	30.45	ng		99
17) 2-Methylphenol	8.15	107	164130	33.82	ng		98
18) Hexachloroethane	8.77	117	61928	28.56	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	137125	28.30	ng		98
20) 3+4-Methylphenols	8.47	107	225952	33.62	ng		98
22) Acetophenone	8.52	105	249383	31.32	ng	#	99
24) Nitrobenzene	8.90	77	190272	30.01	ng		97
25) Isophorone	9.41	82	383859	29.16	ng		99
26) 2-Nitrophenol	9.60	139	101344	34.28	ng		98
27) 2,4-Dimethylphenol	9.67	122	182678	33.18	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	233057	31.02	ng		100
29) 2,4-Dichlorophenol	10.14	162	160109	36.75	ng		100
30) 1,2,4-Trichlorobenzene	10.35	180	142410	31.31	ng		98
31) Naphthalene	10.54	128	545568	30.49	ng		99
32) Benzoic acid	9.77	122	61527	22.75	ng		98
33) 4-Chloroaniline	10.65	127	81079	9.66	ng		98
34) Hexachlorobutadiene	10.82	225	61362	30.71	ng		99
35) Caprolactam	11.41	113	90601m	33.03	ng		
36) 4-Chloro-3-methylphenol	11.78	107	195844	34.03	ng		95
37) 2-Methylnaphthalene	12.15	142	402689	31.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	138980	30.10	ng		99
40) Hexachlorocyclopentadiene	12.50	237	130884	61.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	112670	32.84	ng	98
43) 2,4,5-Trichlorophenol	12.84	196	124589	33.98	ng	97
45) 1,1'-Biphenyl	13.17	154	491577	30.55	ng	98
46) 2-Chloronaphthalene	13.21	162	370225	30.21	ng	98
47) 2-Nitroaniline	13.42	65	122142	30.92	ng	96
48) Acenaphthylene	14.06	152	645257	29.61	ng	100
49) Dimethylphthalate	13.80	163	515268	33.52	ng	99
50) 2,6-Dinitrotoluene	13.92	165	118281	31.82	ng	98
51) Acenaphthene	14.40	154	390918	30.02	ng	99
52) 3-Nitroaniline	14.25	138	74058	15.60	ng	93
53) 2,4-Dinitrophenol	14.46	184	119818	58.20	ng	97
54) Dibenzofuran	14.74	168	564199	31.22	ng	98
55) 4-Nitrophenol	14.56	139	261536	66.66	ng	100
56) 2,4-Dinitrotoluene	14.71	165	166506	32.88	ng	93
57) Fluorene	15.38	166	494780	31.03	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.97	232	98363	34.77	ng	94
59) Diethylphthalate	15.17	149	502782	30.73	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	201895	30.96	ng	95
61) 4-Nitroaniline	15.41	138	159073	29.52	ng	97
62) Azobenzene	15.67	77	531061	30.50	ng	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	90769	30.25	ng	95
65) n-Nitrosodiphenylamine	15.60	169	442925	29.15	ng	99
66) 4-Bromophenyl-phenylether	16.28	248	107989	30.09	ng	96
67) Hexachlorobenzene	16.39	284	112845	30.25	ng	94
68) Atrazine	16.55	200	142474	33.64	ng	97
69) Pentachlorophenol	16.73	266	147439	64.73	ng	98
70) Phenanthrene	17.12	178	760150	30.07	ng	99
71) Anthracene	17.21	178	766695	30.60	ng	99
72) Carbazole	17.49	167	807509	32.11	ng	99
73) Di-n-butylphthalate	18.05	149	952388	30.95	ng	99
74) Fluoranthene	19.14	202	831244	31.90	ng	97
76) Benzidine	19.33	184	381766	22.51	ng	98
77) Pyrene	19.50	202	873927	31.38	ng	99
79) Butylbenzylphthalate	20.40	149	437081	31.95	ng	98
80) Benzo(a)anthracene	21.24	228	726146	30.72	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	130154	16.75	ng	99
82) Chrysene	21.29	228	686328	30.08	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	590643	31.89	ng	99
84) Di-n-octyl phthalate	22.05	149	975209	32.32	ng	99
85) Indeno(1,2,3-cd)pyrene	25.79	276	725131	30.59	ng	98
87) Benzo(b)fluoranthene	22.82	252	666091	30.66	ng	99
88) Benzo(k)fluoranthene	22.87	252	649850	30.57	ng	99
89) Benzo(a)pyrene	23.40	252	644243	31.64	ng	98
90) Dibenzo(a,h)anthracene	25.80	278	599968	30.28	ng	98
91) Benzo(g,h,i)perylene	26.49	276	607966	30.72	ng	97

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

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