Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016249.D
Acq On : 7 Apr 2015 10:48
Operator : TP/IZ
Sample : G1779-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations APPROVED
apatel
4/7/2015 5:08:34 PM

Quant Time: Apr 07 15:24:49 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	78328	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	375401	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	230789	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	483684	20.00	ng		0.00
75) Chrysene-d12	21.26	240	427218	20.00	ng		0.00
86) Perylene-d12	23.51	264	396899	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	535013	107.80	ng		0.00
7) Phenol-d6	6.87	99	807461	108.38	ng		0.00
23) Nitrobenzene-d5	8.86	82	426862	65.87	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	170233	109.07	ng		0.00
44) 2-Fluorobiphenyl	12.96	172	827450	61.04	ng		0.00
78) Terphenyl-d14	19.71	244	1005015	55.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	57918	25.67	ng		98
3) Pyridine	3.56	79	163983	24.32	ng		99
4) n-Nitrosodimethylamine	3.49	42	59878	29.87	ng		97
6) Aniline	7.03	93	191825	18.03	ng		97
8) 2-Chlorophenol	7.27	128	211456	35.48	ng		99
9) Benzaldehyde	6.84	77	86686	19.86	ng		99
10) Phenol	6.90	94	288221	36.16	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	200434	31.53	ng		100
12) 1,3-Dichlorobenzene	7.59	146	182348	30.30	ng		97
13) 1,4-Dichlorobenzene	7.74	146	190496	30.51	ng		97
14) 1,2-Dichlorobenzene	8.05	146	184173	30.84	ng		100
15) Benzyl Alcohol	7.94	79	175439	33.78	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	225773	31.54	ng		100
17) 2-Methylphenol	8.14	107	189895	35.52	ng		98
18) Hexachloroethane	8.77	117	69455	29.08	ng		97
19) n-Nitroso-di-n-propylamine	8.51	70	157636	29.53	ng		99
20) 3+4-Methylphenols	8.47	107	259797	35.09	ng		97
22) Acetophenone	8.52	105	285471	32.80	ng	#	99
24) Nitrobenzene	8.90	77	217172	31.34	ng		96
25) Isophorone	9.42	82	445176	30.93	ng		100
26) 2-Nitrophenol	9.60	139	118239	36.59	ng		99
27) 2,4-Dimethylphenol	9.67	122	209077	34.73	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	267207	32.53	ng		99
29) 2,4-Dichlorophenol	10.13	162	184802	38.80	ng		96
30) 1,2,4-Trichlorobenzene	10.35	180	163131	32.81	ng		99
31) Naphthalene	10.54	128	626534	32.03	ng		99
32) Benzoic acid	9.79	122	91565	27.81	ng		95
33) 4-Chloroaniline	10.64	127	107172	11.68	ng		97
34) Hexachlorobutadiene	10.82	225	69750	31.93	ng		98
35) Caprolactam	11.41	113	106851m	35.64	ng		
36) 4-Chloro-3-methylphenol	11.78	107	230758	36.68	ng		97
37) 2-Methylnaphthalene	12.15	142	464077	32.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	158488	31.19	ng		99
40) Hexachlorocyclopentadiene	12.50	237	155608	66.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	132898	35.20	ng	97
43) 2,4,5-Trichlorophenol	12.84	196	144041	35.70	ng	97
45) 1,1'-Biphenyl	13.17	154	562343	31.76	ng	99
46) 2-Chloronaphthalene	13.21	162	425393	31.54	ng	99
47) 2-Nitroaniline	13.42	65	144365	33.21	ng	98
48) Acenaphthylene	14.06	152	746833	31.14	ng	99
49) Dimethylphthalate	13.80	163	571785	33.80	ng	99
50) 2,6-Dinitrotoluene	13.92	165	137627	33.64	ng	95
51) Acenaphthene	14.41	154	452471	31.57	ng	97
52) 3-Nitroaniline	14.25	138	91769	17.57	ng	97
53) 2,4-Dinitrophenol	14.46	184	150029	65.09	ng	95
54) Dibenzofuran	14.74	168	650181	32.69	ng	98
55) 4-Nitrophenol	14.56	139	302881	70.15	ng	100
56) 2,4-Dinitrotoluene	14.71	165	191634	34.39	ng	93
57) Fluorene	15.39	166	564091	32.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	113039	36.31	ng	95
59) Diethylphthalate	15.17	149	581421	32.29	ng	100
60) 4-Chlorophenyl-phenylether	15.39	204	235139	32.77	ng	93
61) 4-Nitroaniline	15.42	138	186697	31.48	ng	96
62) Azobenzene	15.67	77	608955	31.78	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	107344	32.86	ng	93
65) n-Nitrosodiphenylamine	15.60	169	511887	31.31	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	126401	32.73	ng	97
67) Hexachlorobenzene	16.39	284	127919	31.87	ng	97
68) Atrazine	16.55	200	162069	35.56	ng	99
69) Pentachlorophenol	16.73	266	166413	67.90	ng	98
70) Phenanthrene	17.13	178	868140	31.91	ng	99
71) Anthracene	17.21	178	854298	31.69	ng	99
72) Carbazole	17.48	167	904237	33.42	ng	100
73) Di-n-butylphthalate	18.05	149	1058330	31.96	ng	100
74) Fluoranthene	19.14	202	917199	32.71	ng	99
76) Benzidine	19.33	184	451280	24.91	ng	99
77) Pyrene	19.50	202	966748	32.50	ng	99
79) Butylbenzylphthalate	20.40	149	484738	33.17	ng	99
80) Benzo(a)anthracene	21.24	228	795303	31.50	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	148953	17.94	ng	99
82) Chrysene	21.30	228	755567	31.00	ng	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	666636	33.69	ng	99
84) Di-n-octyl phthalate	22.05	149	1080309	33.51	ng	99
85) Indeno(1,2,3-cd)pyrene	25.81	276	805320	31.80	ng	98
87) Benzo(b)fluoranthene	22.83	252	739165	31.80	ng	99
88) Benzo(k)fluoranthene	22.88	252	719327	31.62	ng	99
89) Benzo(a)pyrene	23.41	252	717613	32.94	ng	99
90) Dibenzo(a,h)anthracene	25.82	278	666002	31.42	ng	98
91) Benzo(g,h,i)perylene	26.52	276	670563	31.67	ng	97

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

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