Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017025.D
Acq On : 10 May 2015 14:19
Operator : TP/IZ
Sample : G2104-09MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-102MSD

Manual Integrations APPROVED
apatel
5/12/2015 4:27:03 PM

Quant Time: May 11 06:19:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 06:04:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	53421	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	247873	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	169992	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	369470	20.00	ng		0.00
75) Chrysene-d12	21.35	240	365914	20.00	ng		0.00
86) Perylene-d12	23.64	264	354468	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	233827	76.21	ng		0.00
7) Phenol-d6	6.97	99	216164	49.32	ng		0.00
23) Nitrobenzene-d5	8.95	82	470400	92.71	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	309992	181.65	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1019655	90.51	ng		0.00
78) Terphenyl-d14	19.80	244	1497147	95.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	19798	15.40	ng	#	1
3) Pyridine	3.68	79	45553	11.46	ng		96
4) n-Nitrosodimethylamine	3.60	42	40658	17.13	ng	#	92
6) Aniline	7.12	93	121664	19.77	ng		96
8) 2-Chlorophenol	7.36	128	140936	39.65	ng		95
9) Benzaldehyde	6.93	77	76888	22.69	ng		91
10) Phenol	7.00	94	80621	17.15	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	155899	42.90	ng		97
12) 1,3-Dichlorobenzene	7.68	146	134701	34.37	ng		96
13) 1,4-Dichlorobenzene	7.83	146	139794	35.21	ng		98
14) 1,2-Dichlorobenzene	8.14	146	140086	36.77	ng		96
15) Benzyl Alcohol	8.03	79	123213	30.78	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	271981	40.43	ng		99
17) 2-Methylphenol	8.25	107	112163	33.89	ng		94
18) Hexachloroethane	8.86	117	55332	33.91	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	165456	43.05	ng		92
20) 3+4-Methylphenols	8.57	107	142667	31.28	ng		96
22) Acetophenone	8.61	105	269948	45.72	ng		99
24) Nitrobenzene	8.99	77	233229	45.52	ng		99
25) Isophorone	9.51	82	439597	42.91	ng		99
26) 2-Nitrophenol	9.70	139	100531	48.19	ng		97
27) 2,4-Dimethylphenol	9.77	122	172270	45.63	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	233351	45.12	ng		97
29) 2,4-Dichlorophenol	10.24	162	178524	50.05	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	152355	40.28	ng		98
31) Naphthalene	10.63	128	513321	41.64	ng		98
32) Benzoic acid	9.85	122	27582	15.64	ng	#	91
33) 4-Chloroaniline	10.74	127	133871	23.51	ng		97
34) Hexachlorobutadiene	10.91	225	83505	35.27	ng		96
35) Caprolactam	11.53	113	15282m	8.25	ng		
36) 4-Chloro-3-methylphenol	11.88	107	213945	46.84	ng		98
37) 2-Methylnaphthalene	12.25	142	418148	44.53	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	199514	43.42	ng	#	100
40) Hexachlorocyclopentadiene	12.59	237	185672	62.56	ng		99

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.95	196	168976	51.89	ng		95
43) 2,4,5-Trichlorophenol	12.95	196	168976	48.88	ng		97
45) 1,1'-Biphenyl	13.26	154	568510	46.71	ng		98
46) 2-Chloronaphthalene	13.30	162	433760	44.99	ng		97
47) 2-Nitroaniline	13.52	65	191375	57.03	ng		98
48) Acenaphthylene	14.15	152	759307	45.23	ng		100
49) Dimethylphthalate	13.89	163	621186	48.94	ng		100
50) 2,6-Dinitrotoluene	14.01	165	145913	55.37	ng		92
51) Acenaphthene	14.49	154	458887	45.93	ng		97
52) 3-Nitroaniline	14.34	138	107772	35.94	ng		91
53) 2,4-Dinitrophenol	14.54	184	130834	108.54	ng	#	87
54) Dibenzofuran	14.83	168	705513	49.73	ng		95
55) 4-Nitrophenol	14.68	139	97951	38.53	ng		93
56) 2,4-Dinitrotoluene	14.80	165	207275	61.48	ng		99
57) Fluorene	15.48	166	612956	48.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	157083	52.66	ng	#	77
59) Diethylphthalate	15.25	149	657420	49.06	ng		98
60) 4-Chlorophenyl-phenylether	15.47	204	315187	49.94	ng		99
61) 4-Nitroaniline	15.51	138	163190	46.95	ng		88
62) Azobenzene	15.77	77	717549	51.71	ng		97
64) 4,6-Dinitro-2-methylphenol	15.55	198	117256	64.01	ng		87
65) n-Nitrosodiphenylamine	15.69	169	535811	47.51	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	188956	50.95	ng		94
67) Hexachlorobenzene	16.48	284	200584	51.29	ng		99
68) Atrazine	16.64	200	214023	52.73	ng		98
69) Pentachlorophenol	16.83	266	245761	96.79	ng		96
70) Phenanthrene	17.22	178	925839	48.69	ng		99
71) Anthracene	17.31	178	933901	48.69	ng		99
72) Carbazole	17.58	167	909702	49.89	ng		99
73) Di-n-butylphthalate	18.14	149	1138556	48.16	ng		97
74) Fluoranthene	19.23	202	1048041	47.51	ng		99
76) Benzidine	19.42	184	261544	21.04	ng		99
77) Pyrene	19.60	202	1066958	49.40	ng		98
79) Butylbenzylphthalate	20.49	149	509770	49.66	ng		99
80) Benzo(a)anthracene	21.34	228	983049	50.08	ng		98
81) 3,3'-Dichlorobenzidine	21.27	252	208407	27.19	ng		96
82) Chrysene	21.39	228	935924	50.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.27	149	702654	50.05	ng	#	98
84) Di-n-octyl phthalate	22.15	149	1177937	49.94	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1119047	51.07	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1001931	50.74	ng		97
88) Benzo(k)fluoranthene	23.00	252	955471	50.30	ng		99
89) Benzo(a)pyrene	23.54	252	954167	51.82	ng		99
90) Dibenzo(a,h)anthracene	26.02	278	947123	50.36	ng		97
91) Benzo(g,h,i)perylene	26.74	276	906084	50.59	ng		98

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

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