Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016925.D
Acq On : 7 May 2015 16:01
Operator : TP/IZ
Sample : G2057-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MWJ-1MSD

Manual Integrations APPROVED
apatel
5/8/2015 5:08:13 PM

Quant Time: May 08 03:49:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 02:05:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	64611	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	282598	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	178099	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	383712	20.00	ng		0.00
75) Chrysene-d12	21.36	240	386544	20.00	ng		0.00
86) Perylene-d12	23.67	264	376584	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	297935	80.29	ng		0.00
7) Phenol-d6	6.96	99	259470	48.94	ng		0.00
23) Nitrobenzene-d5	8.96	82	574550	99.32	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	297642	166.47	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	1111087	94.14	ng		0.00
78) Terphenyl-d14	19.81	244	1609469	97.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	35182	22.62	ng	#	1
3) Pyridine	3.69	79	62441	12.99	ng	#	92
4) n-Nitrosodimethylamine	3.61	42	58251	20.30	ng		94
6) Aniline	7.13	93	120762	16.22	ng		98
8) 2-Chlorophenol	7.36	128	181321	42.18	ng		98
9) Benzaldehyde	6.94	77	16750	3.78	ng		93
10) Phenol	6.99	94	92116	16.20	ng		98
11) bis(2-Chloroethyl)ether	7.23	93	212501	48.34	ng		98
12) 1,3-Dichlorobenzene	7.69	146	198706	41.92	ng		94
13) 1,4-Dichlorobenzene	7.84	146	204733	42.64	ng		97
14) 1,2-Dichlorobenzene	8.15	146	193470	41.99	ng		93
15) Benzyl Alcohol	8.04	79	146851	30.33	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	385637	47.39	ng		98
17) 2-Methylphenol	8.24	107	137476	34.34	ng		96
18) Hexachloroethane	8.88	117	81438	41.26	ng		95
19) n-Nitroso-di-n-propylamine	8.61	70	205142	44.13	ng		94
20) 3+4-Methylphenols	8.57	107	166981	30.27	ng		96
22) Acetophenone	8.62	105	326715	48.54	ng		98
24) Nitrobenzene	9.00	77	284157	48.64	ng		99
25) Isophorone	9.52	82	534597	45.77	ng		97
26) 2-Nitrophenol	9.71	139	114051	47.95	ng		94
27) 2,4-Dimethylphenol	9.76	122	190264	44.20	ng		96
28) bis(2-Chloroethoxy)methane	10.01	93	283411	48.07	ng		97
29) 2,4-Dichlorophenol	10.23	162	194630	47.86	ng		96
30) 1,2,4-Trichlorobenzene	10.45	180	191185	44.33	ng		97
31) Naphthalene	10.64	128	628429	44.71	ng		100
32) Benzoic acid	9.85	122	33000	16.32	ng		96
33) 4-Chloroaniline	10.75	127	121660	18.74	ng		96
34) Hexachlorobutadiene	10.93	225	110899	41.09	ng		95
35) Caprolactam	11.52	113	16158m	7.65	ng		
36) 4-Chloro-3-methylphenol	11.87	107	236043	45.33	ng		99
37) 2-Methylnaphthalene	12.26	142	488392	45.62	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	221690	46.05	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	268744	86.43	ng		94

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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	12.87	196	164374	48.18	ng		93
43) 2,4,5-Trichlorophenol	12.93	196	176635	48.77	ng		97
45) 1,1'-Biphenyl	13.27	154	625181	49.03	ng		98
46) 2-Chloronaphthalene	13.31	162	479561	47.48	ng		97
47) 2-Nitroaniline	13.51	65	199875	56.85	ng		94
48) Acenaphthylene	14.16	152	822576	46.77	ng		99
49) Dimethylphthalate	13.90	163	637176	47.91	ng		99
50) 2,6-Dinitrotoluene	14.02	165	149444	54.12	ng		94
51) Acenaphthene	14.51	154	498020	47.58	ng		98
52) 3-Nitroaniline	14.34	138	99163	31.57	ng		92
53) 2,4-Dinitrophenol	14.55	184	141927	112.38	ng	#	84
54) Dibenzofuran	14.83	168	749147	50.40	ng		97
55) 4-Nitrophenol	14.64	139	109750	41.20	ng		97
56) 2,4-Dinitrotoluene	14.80	165	206152	58.36	ng		96
57) Fluorene	15.49	166	646769	49.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	152660	48.85	ng	#	77
59) Diethylphthalate	15.26	149	688365	49.03	ng		97
60) 4-Chlorophenyl-phenylether	15.48	204	320213	48.43	ng		98
61) 4-Nitroaniline	15.51	138	171971	47.22	ng		97
62) Azobenzene	15.77	77	760825	52.33	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	105850	55.64	ng		88
65) n-Nitrosodiphenylamine	15.70	169	569520	48.62	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	191939	49.84	ng		93
67) Hexachlorobenzene	16.49	284	203803	50.18	ng		99
68) Atrazine	16.65	200	218187	51.76	ng		96
69) Pentachlorophenol	16.83	266	253282	96.05	ng		96
70) Phenanthrene	17.23	178	969905	49.12	ng		99
71) Anthracene	17.31	178	975062	48.95	ng		100
72) Carbazole	17.58	167	955414	50.45	ng		98
73) Di-n-butylphthalate	18.15	149	1212866	49.40	ng		98
74) Fluoranthene	19.24	202	1097787	47.92	ng		98
76) Benzidine	19.43	184	153953	11.72	ng		97
77) Pyrene	19.61	202	1139705	49.96	ng		99
79) Butylbenzylphthalate	20.50	149	562175	51.85	ng		97
80) Benzo(a)anthracene	21.35	228	1051686	50.72	ng		98
81) 3,3'-Dichlorobenzidine	21.29	252	280736	34.67	ng		99
82) Chrysene	21.40	228	995059	51.23	ng		98
83) Bis(2-ethylhexyl)phthalate	21.28	149	773349	52.14	ng		99
84) Di-n-octyl phthalate	22.18	149	1293023	51.90	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.05	276	1167964	50.46	ng	#	100
87) Benzo(b)fluoranthene	22.98	252	1052268	50.16	ng		98
88) Benzo(k)fluoranthene	23.03	252	1041975	51.63	ng		99
89) Benzo(a)pyrene	23.57	252	1015981	51.93	ng		98
90) Dibenzo(a,h)anthracene	26.07	278	1006119	50.35	ng		99
91) Benzo(g,h,i)perylene	26.78	276	962943	50.61	ng		98

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

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