Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016627.D
Acq On : 22 Apr 2015 19:40
Operator : TP/IZ
Sample : G1945-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-53MSD

Manual Integrations APPROVED
apatel
4/23/2015 4:41:08 PM

Quant Time: Apr 23 13:41:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	45953	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	222564	20.00	ng		0.00
38) Acenaphthene-d10	14.28	164	147306	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	334568	20.00	ng		0.00
75) Chrysene-d12	21.21	240	291498	20.00	ng		0.00
86) Perylene-d12	23.42	264	275968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	195971	68.35	ng		0.01
7) Phenol-d6	6.83	99	188385	47.03	ng		0.00
23) Nitrobenzene-d5	8.80	82	318585	88.14	ng		0.00
41) 2,4,6-Tribromophenol	15.78	330	150648	150.58	ng		0.00
44) 2-Fluorobiphenyl	12.90	172	763239	85.81	ng		0.00
78) Terphenyl-d14	19.66	244	907083	74.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	19957	15.48	ng		94
3) Pyridine	3.50	79	47274	13.25	ng		99
4) n-Nitrosodimethylamine	3.42	42	19095	17.88	ng	#	96
6) Aniline	6.96	93	59685	10.79	ng		98
8) 2-Chlorophenol	7.21	128	130184	38.03	ng		98
9) Benzaldehyde	6.78	77	19446	10.67	ng		95
10) Phenol	6.86	94	68864	16.25	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	138142	41.64	ng		100
12) 1,3-Dichlorobenzene	7.52	146	129118	36.13	ng		98
13) 1,4-Dichlorobenzene	7.67	146	132923	36.54	ng		98
14) 1,2-Dichlorobenzene	7.99	146	129616	37.45	ng		98
15) Benzyl Alcohol	7.88	79	76664	30.08	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	137975	42.95	ng		98
17) 2-Methylphenol	8.10	107	99639	34.89	ng		99
18) Hexachloroethane	8.70	117	45336	34.71	ng		96
19) n-Nitroso-di-n-propylamine	8.44	70	108128	41.75	ng		99
20) 3+4-Methylphenols	8.43	107	124891	31.76	ng		99
22) Acetophenone	8.46	105	211669	42.70	ng	#	99
24) Nitrobenzene	8.84	77	156726	41.66	ng		99
25) Isophorone	9.36	82	317447	42.90	ng		99
26) 2-Nitrophenol	9.54	139	88746	42.73	ng		96
27) 2,4-Dimethylphenol	9.61	122	155404	44.00	ng		98
28) bis(2-Chloroethoxy)methane	9.84	93	188914	42.57	ng		97
29) 2,4-Dichlorophenol	10.08	162	136982	46.91	ng		97
30) 1,2,4-Trichlorobenzene	10.28	180	121672	39.19	ng		97
31) Naphthalene	10.47	128	468652	40.34	ng		100
32) Benzoic acid	9.75	122	23250	25.39	ng		96
33) 4-Chloroaniline	10.60	127	52262	9.84	ng		97
34) Hexachlorobutadiene	10.75	225	48099	34.86	ng		98
35) Caprolactam	11.40	113	13043	7.71	ng		96
36) 4-Chloro-3-methylphenol	11.73	107	162122	45.97	ng		99
37) 2-Methylnaphthalene	12.09	142	366525	44.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	130820	38.61	ng		99
40) Hexachlorocyclopentadiene	12.44	237	70868	57.29	ng		99

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Quant Time: Apr 23 13:41:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	106022	44.18	ng		99
43) 2,4,5-Trichlorophenol	12.79	196	118254	46.22	ng		96
45) 1,1'-Biphenyl	13.11	154	468291	41.28	ng		99
46) 2-Chloronaphthalene	13.15	162	355756	40.95	ng		99
47) 2-Nitroaniline	13.37	65	115881	45.73	ng		92
48) Acenaphthylene	14.00	152	642963	41.68	ng		99
49) Dimethylphthalate	13.75	163	496957	45.62	ng		99
50) 2,6-Dinitrotoluene	13.87	165	121439	45.39	ng		99
51) Acenaphthene	14.34	154	391407	42.53	ng		99
52) 3-Nitroaniline	14.20	138	30917	9.36	ng		95
53) 2,4-Dinitrophenol	14.41	184	109728	87.55	ng		96
54) Dibenzofuran	14.68	168	580413	44.80	ng		100
55) 4-Nitrophenol	14.54	139	88262	35.30	ng		98
56) 2,4-Dinitrotoluene	14.66	165	174832	47.50	ng		98
57) Fluorene	15.33	166	510572	44.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.92	232	95469m	49.45	ng		
59) Diethylphthalate	15.11	149	526229	45.35	ng		99
60) 4-Chlorophenyl-phenylether	15.32	204	205761	43.89	ng		98
61) 4-Nitroaniline	15.37	138	146545	38.71	ng		98
62) Azobenzene	15.62	77	519225	48.21	ng		99
64) 4,6-Dinitro-2-methylphenol	15.42	198	89108	39.49	ng		97
65) n-Nitrosodiphenylamine	15.55	169	468732	41.79	ng		100
66) 4-Bromophenyl-phenylether	16.22	248	115767	43.96	ng		98
67) Hexachlorobenzene	16.34	284	116921	42.50	ng		95
68) Atrazine	16.50	200	152187	48.53	ng		99
69) Pentachlorophenol	16.69	266	125125	87.22	ng		98
70) Phenanthrene	17.06	178	813630	42.72	ng		100
71) Anthracene	17.16	178	818356	43.24	ng		99
72) Carbazole	17.43	167	859423	44.51	ng		99
73) Di-n-butylphthalate	17.99	149	1004059	42.72	ng		99
74) Fluoranthene	19.09	202	868844	42.35	ng		99
76) Benzidine	19.28	184	359988	33.40	ng		99
77) Pyrene	19.45	202	895640	45.75	ng		99
79) Butylbenzylphthalate	20.35	149	472056	46.06	ng		100
80) Benzo(a)anthracene	21.19	228	765882	43.57	ng		100
81) 3,3'-Dichlorobenzidine	21.13	252	87594	15.05	ng	#	94
82) Chrysene	21.24	228	725367	42.98	ng		99
83) Bis(2-ethylhexyl)phthalate	21.12	149	639458	45.45	ng		99
84) Di-n-octyl phthalate	21.98	149	1068665	45.74	ng		99
85) Indeno(1,2,3-cd)pyrene	25.68	276	803121	43.36	ng		99
87) Benzo(b)fluoranthene	22.76	252	752150	45.68	ng		99
88) Benzo(k)fluoranthene	22.80	252	681440	42.19	ng		99
89) Benzo(a)pyrene	23.33	252	706780	45.21	ng		98
90) Dibenzo(a,h)anthracene	25.70	278	663916	43.70	ng		99
91) Benzo(g,h,i)perylene	26.38	276	680090	44.37	ng		98

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

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