Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016449.D
Acq On : 16 Apr 2015 8:20
Operator : TP/IZ
Sample : G1829-22MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-MW-2-17MSD

Quant Time: Apr 16 13:52:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	77374	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	356384	20.00	ng		0.00
38) Acenaphthene-d10	14.31	164	219749	20.00	ng		0.00
63) Phenanthrene-d10	17.05	188	479402	20.00	ng		0.00
75) Chrysene-d12	21.23	240	384775	20.00	ng		0.00
86) Perylene-d12	23.46	264	363853	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	316863	64.63	ng		0.00
7) Phenol-d6	6.86	99	291231	39.57	ng		0.00
23) Nitrobenzene-d5	8.82	82	522040	84.86	ng		-0.02
41) 2,4,6-Tribromophenol	15.80	330	237477	159.79	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	1161853	90.02	ng		0.00
78) Terphenyl-d14	19.68	244	1269245	77.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	29848	13.39	ng		99
3) Pyridine	3.53	79	74860	11.24	ng		93
4) n-Nitrosodimethylamine	3.46	42	28768	14.53	ng	#	95
6) Aniline	6.99	93	168042	15.99	ng		97
8) 2-Chlorophenol	7.23	128	219681	37.31	ng		96
9) Benzaldehyde	6.81	77	70365	16.32	ng		97
10) Phenol	6.88	94	104663	13.29	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	237765	37.87	ng		99
12) 1,3-Dichlorobenzene	7.55	146	228459	38.43	ng		98
13) 1,4-Dichlorobenzene	7.70	146	235599	38.20	ng		97
14) 1,2-Dichlorobenzene	8.02	146	233104	39.52	ng		98
15) Benzyl Alcohol	7.91	79	126529	24.66	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	256288	36.24	ng		97
17) 2-Methylphenol	8.13	107	157223	29.77	ng		97
18) Hexachloroethane	8.73	117	83118	35.23	ng		99
19) n-Nitroso-di-n-propylamine	8.47	70	187183	35.50	ng		97
20) 3+4-Methylphenols	8.45	107	192723	26.35	ng		99
22) Acetophenone	8.49	105	351989	42.60	ng		98
24) Nitrobenzene	8.87	77	258327	39.27	ng		91
25) Isophorone	9.38	82	516386	37.80	ng		96
26) 2-Nitrophenol	9.57	139	148621	48.45	ng		98
27) 2,4-Dimethylphenol	9.64	122	231472	40.51	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	318064	40.79	ng		99
29) 2,4-Dichlorophenol	10.11	162	228222	50.47	ng		95
30) 1,2,4-Trichlorobenzene	10.32	180	209231	44.32	ng		100
31) Naphthalene	10.50	128	787062	42.38	ng		100
32) Benzoic acid	9.74	122	28592	15.01	ng		96
33) 4-Chloroaniline	10.62	127	194935	22.37	ng		98
34) Hexachlorobutadiene	10.78	225	88454	42.66	ng		99
35) Caprolactam	11.39	113	18245	6.41	ng		91
36) 4-Chloro-3-methylphenol	11.76	107	263014	44.03	ng		96
37) 2-Methylnaphthalene	12.12	142	596018	44.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	210613	43.53	ng		99
40) Hexachlorocyclopentadiene	12.47	237	157906	71.30	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	178117	49.54	ng	96
43) 2,4,5-Trichlorophenol	12.82	196	200697	52.25	ng	96
45) 1,1'-Biphenyl	13.14	154	741372	43.98	ng	98
46) 2-Chloronaphthalene	13.18	162	565841	44.06	ng	99
47) 2-Nitroaniline	13.39	65	185632	44.85	ng	93
48) Acenaphthylene	14.03	152	990444	43.38	ng	98
49) Dimethylphthalate	13.77	163	692882	43.02	ng	100
50) 2,6-Dinitrotoluene	13.90	165	186572	47.90	ng	88
51) Acenaphthene	14.37	154	610856	44.77	ng	99
52) 3-Nitroaniline	14.23	138	151447	30.45	ng	90
53) 2,4-Dinitrophenol	14.44	184	191205	84.33	ng	92
54) Dibenzofuran	14.71	168	894414	47.24	ng	99
55) 4-Nitrophenol	14.56	139	140980	34.29	ng	95
56) 2,4-Dinitrotoluene	14.68	165	265422	50.03	ng	92
57) Fluorene	15.36	166	783930	46.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	159485	53.80	ng	93
59) Diethylphthalate	15.14	149	760123	44.34	ng	99
60) 4-Chlorophenyl-phenylether	15.35	204	322731	47.23	ng	98
61) 4-Nitroaniline	15.39	138	229870	40.71	ng	97
62) Azobenzene	15.65	77	785065	43.03	ng	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	142875	42.80	ng	92
65) n-Nitrosodiphenylamine	15.57	169	699942	43.19	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	178702	46.69	ng	95
67) Hexachlorobenzene	16.36	284	179779	45.19	ng	100
68) Atrazine	16.52	200	224818	49.77	ng	99
69) Pentachlorophenol	16.71	266	214850	88.44	ng	97
70) Phenanthrene	17.09	178	1175441	43.59	ng	98
71) Anthracene	17.18	178	1190931	44.57	ng	99
72) Carbazole	17.46	167	1189287	44.35	ng	99
73) Di-n-butylphthalate	18.02	149	1401122	42.69	ng	99
74) Fluoranthene	19.11	202	1180085	42.46	ng	97
76) Benzidine	19.30	184	328546	20.13	ng	97
77) Pyrene	19.47	202	1208641	45.11	ng	97
79) Butylbenzylphthalate	20.37	149	646487	49.11	ng	99
80) Benzo(a)anthracene	21.22	228	1022625	44.97	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	232625	31.11	ng	99
82) Chrysene	21.27	228	976196	44.46	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	878765	49.31	ng	95
84) Di-n-octyl phthalate	22.02	149	1442248	49.68	ng	99
85) Indeno(1,2,3-cd)pyrene	25.74	276	1092881	47.92	ng	98
87) Benzo(b)fluoranthene	22.79	252	982525	46.11	ng	99
88) Benzo(k)fluoranthene	22.83	252	964380	46.24	ng	98
89) Benzo(a)pyrene	23.37	252	952054	47.67	ng	98
90) Dibenzo(a,h)anthracene	25.75	278	921779	47.43	ng	98
91) Benzo(g,h,i)perylene	26.44	276	935793	48.20	ng	98

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

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