Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016646.D
Acq On : 23 Apr 2015 8:59
Operator : TP/IZ
Sample : G1949-08MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-07MSD

Manual Integrations APPROVED
apatel
4/23/2015 4:41:17 PM

Quant Time: Apr 23 15:56:28 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	42599	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	198583	20.00	ng		0.00
38) Acenaphthene-d10	14.28	164	126533	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	295997	20.00	ng		0.00
75) Chrysene-d12	21.21	240	270289	20.00	ng		0.00
86) Perylene-d12	23.43	264	243533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	393765	148.15	ng		0.00
7) Phenol-d6	6.84	99	534704	143.99	ng		0.01
23) Nitrobenzene-d5	8.80	82	300377	93.14	ng		0.00
41) 2,4,6-Tribromophenol	15.78	330	154876	180.22	ng		0.00
44) 2-Fluorobiphenyl	12.90	172	712067	93.20	ng		0.00
78) Terphenyl-d14	19.66	244	1011965	90.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	42215	35.32	ng	#	93
3) Pyridine	3.52	79	70734	21.39	ng		97
4) n-Nitrosodimethylamine	3.43	42	38533	38.93	ng		97
6) Aniline	6.97	93	42775	8.34	ng		96
8) 2-Chlorophenol	7.21	128	166198	52.38	ng		99
9) Benzaldehyde	6.78	77	9594	5.68	ng		99
10) Phenol	6.86	94	191678	48.80	ng		99
11) bis(2-Chloroethyl)ether	7.07	93	137976	44.87	ng		99
12) 1,3-Dichlorobenzene	7.52	146	135871	41.01	ng		99
13) 1,4-Dichlorobenzene	7.67	146	141522	41.97	ng		99
14) 1,2-Dichlorobenzene	7.98	146	140469	43.78	ng		98
15) Benzyl Alcohol	7.89	79	124350	52.62	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.17	45	133480	44.82	ng		98
17) 2-Methylphenol	8.10	107	137581	51.97	ng		98
18) Hexachloroethane	8.70	117	48333	39.92	ng		95
19) n-Nitroso-di-n-propylamine	8.44	70	106178	44.23	ng		96
20) 3+4-Methylphenols	8.43	107	192861	52.90	ng		97
22) Acetophenone	8.46	105	213614	48.29	ng	#	98
24) Nitrobenzene	8.84	77	156105	46.51	ng		97
25) Isophorone	9.36	82	309162	46.82	ng		99
26) 2-Nitrophenol	9.54	139	95179	51.36	ng		99
27) 2,4-Dimethylphenol	9.62	122	171327	54.36	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	184168	46.52	ng		98
29) 2,4-Dichlorophenol	10.09	162	158606	60.87	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	130009	46.93	ng		100
31) Naphthalene	10.47	128	493493	47.60	ng		99
32) Benzoic acid	9.77	122	60313	51.11	ng		96
33) 4-Chloroaniline	10.60	127	11961	2.52	ng		99
34) Hexachlorobutadiene	10.75	225	53313	43.30	ng		98
35) Caprolactam	11.38	113	63412m	42.03	ng		
36) 4-Chloro-3-methylphenol	11.75	107	188084	59.77	ng		98
37) 2-Methylnaphthalene	12.09	142	368895	49.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	129249	44.40	ng		99
40) Hexachlorocyclopentadiene	12.43	237	70987	63.47	ng		97

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Quant Time: Apr 23 15:56:28 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	115134	55.86	ng	97
43) 2,4,5-Trichlorophenol	12.80	196	130655	59.45	ng	96
45) 1,1'-Biphenyl	13.11	154	463428	47.56	ng	98
46) 2-Chloronaphthalene	13.15	162	354013	47.44	ng	99
47) 2-Nitroaniline	13.37	65	115040	52.85	ng	91
48) Acenaphthylene	14.00	152	632798	47.76	ng	99
49) Dimethylphthalate	13.75	163	462931	49.48	ng	99
50) 2,6-Dinitrotoluene	13.87	165	119621	52.06	ng	95
51) Acenaphthene	14.34	154	385514	48.77	ng	99
52) 3-Nitroaniline	14.20	138	48488	17.09	ng	98
53) 2,4-Dinitrophenol	14.42	184	52181	52.21	ng	93
54) Dibenzofuran	14.68	168	570425	51.25	ng	99
55) 4-Nitrophenol	14.55	139	209416	97.50	ng	98
56) 2,4-Dinitrotoluene	14.66	165	177073	56.00	ng	96
57) Fluorene	15.33	166	507338	51.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.92	232	99533	60.02	ng	99
59) Diethylphthalate	15.11	149	491835	49.34	ng	99
60) 4-Chlorophenyl-phenylether	15.33	204	205352	51.00	ng	98
61) 4-Nitroaniline	15.37	138	162283	49.91	ng	98
62) Azobenzene	15.62	77	478936	51.77	ng	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	55531	29.04	ng	95
65) n-Nitrosodiphenylamine	15.55	169	467069	47.07	ng	100
66) 4-Bromophenyl-phenylether	16.22	248	114302	49.05	ng	98
67) Hexachlorobenzene	16.34	284	117347	48.21	ng	93
68) Atrazine	16.50	200	136022	49.02	ng	97
69) Pentachlorophenol	16.69	266	96459	76.80	ng	99
70) Phenanthrene	17.06	178	810438	48.10	ng	98
71) Anthracene	17.16	178	819947	48.97	ng	99
72) Carbazole	17.43	167	855771	50.09	ng	99
73) Di-n-butylphthalate	17.99	149	948336	45.61	ng	100
74) Fluoranthene	19.09	202	865860	47.70	ng	100
76) Benzidine	19.28	184	34162	3.42	ng	96
77) Pyrene	19.45	202	889046	48.97	ng	98
79) Butylbenzylphthalate	20.35	149	438106	46.10	ng	99
80) Benzo(a)anthracene	21.19	228	778211	47.74	ng	100
81) 3,3'-Dichlorobenzidine	21.13	252	96957	17.97	ng	98
82) Chrysene	21.25	228	742259	47.43	ng	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	535791	41.07	ng	100
84) Di-n-octyl phthalate	21.99	149	977394	45.12	ng	98
85) Indeno(1,2,3-cd)pyrene	25.69	276	762959	44.43	ng	98
87) Benzo(b)fluoranthene	22.76	252	709459	48.82	ng	99
88) Benzo(k)fluoranthene	22.80	252	730935	51.28	ng	98
89) Benzo(a)pyrene	23.33	252	724749	52.53	ng	98
90) Dibenzo(a,h)anthracene	25.70	278	660351	49.25	ng	98
91) Benzo(g,h,i)perylene	26.38	276	563980	41.69	ng	98

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

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