Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016611.D
Acq On : 22 Apr 2015 9:08
Operator : TP/IZ
Sample : G1928-04MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0437MSD

Manual Integrations APPROVED
apatel
4/22/2015 5:21:25 PM

Quant Time: Apr 22 15:59:56 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	7.64	152	54583	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	256348	20.00	ng		0.00
38) Acenaphthene-d10	14.28	164	165341	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	384611	20.00	ng		0.00
75) Chrysene-d12	21.21	240	346113	20.00	ng		0.00
86) Perylene-d12	23.43	264	326176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	220772	64.82	ng		0.00
7) Phenol-d6	6.82	99	196542	41.31	ng		0.00
23) Nitrobenzene-d5	8.79	82	356826	85.71	ng		0.00
41) 2,4,6-Tribromophenol	15.78	330	166131	147.94	ng		0.00
44) 2-Fluorobiphenyl	12.90	172	816770	81.81	ng		0.00
78) Terphenyl-d14	19.66	244	1092707	76.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	24426	15.95	ng		98
3) Pyridine	3.51	79	47426	11.19	ng		97
4) n-Nitrosodimethylamine	3.42	42	21775	17.17	ng	#	93
6) Aniline	6.97	93	77881	11.85	ng		97
8) 2-Chlorophenol	7.21	128	153332	37.71	ng		98
9) Benzaldehyde	6.78	77	23436	10.82	ng		95
10) Phenol	6.85	94	74230	14.75	ng		98
11) bis(2-Chloroethyl)ether	7.07	93	164674	41.79	ng		99
12) 1,3-Dichlorobenzene	7.52	146	155206	36.56	ng		100
13) 1,4-Dichlorobenzene	7.67	146	160854	37.23	ng		100
14) 1,2-Dichlorobenzene	7.98	146	156620	38.10	ng		99
15) Benzyl Alcohol	7.88	79	84649	27.96	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.18	45	164680	43.16	ng		98
17) 2-Methylphenol	8.09	107	108316	31.93	ng		96
18) Hexachloroethane	8.70	117	55161	35.55	ng		97
19) n-Nitroso-di-n-propylamine	8.44	70	127250	41.37	ng		97
20) 3+4-Methylphenols	8.42	107	131970	28.25	ng		99
22) Acetophenone	8.46	105	243988	42.73	ng		99
24) Nitrobenzene	8.83	77	180171	41.58	ng		99
25) Isophorone	9.35	82	365041	42.83	ng		98
26) 2-Nitrophenol	9.55	139	101196	42.30	ng		99
27) 2,4-Dimethylphenol	9.62	122	165712	40.73	ng		99
28) bis(2-Chloroethoxy)methane	9.84	93	220822	43.21	ng		98
29) 2,4-Dichlorophenol	10.08	162	152579	45.36	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	137782	38.53	ng		96
31) Naphthalene	10.47	128	538263	40.22	ng		100
32) Benzoic acid	9.77	122	14000	17.30	ng		93
33) 4-Chloroaniline	10.59	127	61636	10.07	ng		99
34) Hexachlorobutadiene	10.76	225	55469	34.90	ng		99
35) Caprolactam	11.37	113	12527m	6.43	ng		
36) 4-Chloro-3-methylphenol	11.73	107	175327	43.16	ng		98
37) 2-Methylnaphthalene	12.09	142	414993	43.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	141484	37.20	ng		99
40) Hexachlorocyclopentadiene	12.44	237	88566	61.55	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.71	196	115776	42.99	ng	98
43) 2,4,5-Trichlorophenol	12.79	196	129275	45.02	ng	96
45) 1,1'-Biphenyl	13.11	154	528582	41.51	ng	99
46) 2-Chloronaphthalene	13.15	162	397647	40.78	ng	99
47) 2-Nitroaniline	13.37	65	132842	46.70	ng	95
48) Acenaphthylene	14.00	152	721812	41.69	ng	99
49) Dimethylphthalate	13.75	163	553186	45.25	ng	99
50) 2,6-Dinitrotoluene	13.87	165	142192	47.35	ng	99
51) Acenaphthene	14.35	154	440205	42.61	ng	98
52) 3-Nitroaniline	14.20	138	65875	17.76	ng	99
53) 2,4-Dinitrophenol	14.42	184	132153	93.33	ng	94
54) Dibenzofuran	14.68	168	652184	44.85	ng	99
55) 4-Nitrophenol	14.53	139	103452	36.86	ng	97
56) 2,4-Dinitrotoluene	14.66	165	208453	50.45	ng	98
57) Fluorene	15.33	166	587917	45.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.92	232	106303	49.06	ng	98
59) Diethylphthalate	15.11	149	607685	46.65	ng	99
60) 4-Chlorophenyl-phenylether	15.33	204	238685	45.36	ng	99
61) 4-Nitroaniline	15.37	138	178351	41.97	ng	98
62) Azobenzene	15.62	77	591470	48.92	ng	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	108426	41.56	ng	95
65) n-Nitrosodiphenylamine	15.54	169	537789	41.71	ng	99
66) 4-Bromophenyl-phenylether	16.22	248	131861	43.55	ng	98
67) Hexachlorobenzene	16.33	284	135956	42.99	ng	99
68) Atrazine	16.50	200	175433	48.66	ng	98
69) Pentachlorophenol	16.68	266	133799	81.57	ng	98
70) Phenanthrene	17.07	178	936085	42.75	ng	100
71) Anthracene	17.16	178	934048	42.93	ng	99
72) Carbazole	17.44	167	987634	44.49	ng	99
73) Di-n-butylphthalate	17.99	149	1169372	43.28	ng	99
74) Fluoranthene	19.09	202	999340	42.37	ng	97
76) Benzidine	19.27	184	178245	13.93	ng	98
77) Pyrene	19.45	202	1042697	44.85	ng	99
79) Butylbenzylphthalate	20.35	149	565227	46.45	ng	99
80) Benzo(a)anthracene	21.20	228	893071	42.79	ng	99
81) 3,3'-Dichlorobenzidine	21.13	252	181888	26.32	ng	97
82) Chrysene	21.24	228	844819	42.16	ng	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	757799	45.37	ng	99
84) Di-n-octyl phthalate	21.99	149	1244173	44.85	ng	100
85) Indeno(1,2,3-cd)pyrene	25.69	276	942442	42.86	ng	100
87) Benzo(b)fluoranthene	22.76	252	872043	44.81	ng	100
88) Benzo(k)fluoranthene	22.81	252	818072	42.85	ng	100
89) Benzo(a)pyrene	23.33	252	819966	44.37	ng	98
90) Dibenzo(a,h)anthracene	25.70	278	787974	43.88	ng	98
91) Benzo(g,h,i)perylene	26.38	276	804057	44.38	ng	99

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

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