Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016645.D
Acq On : 23 Apr 2015 8:25
Operator : TP/IZ
Sample : G1949-08MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-07MS

Manual Integrations APPROVED
apatel
4/23/2015 4:41:13 PM

Quant Time: Apr 23 15:54:43 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	42728	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	190149	20.00	ng		0.00
38) Acenaphthene-d10	14.28	164	119536	20.00	ng		0.00
63) Phenanthrene-d10	17.03	188	290006	20.00	ng		0.00
75) Chrysene-d12	21.21	240	276997	20.00	ng		0.00
86) Perylene-d12	23.42	264	257602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	378381	141.93	ng		0.00
7) Phenol-d6	6.84	99	497743	133.63	ng		0.01
23) Nitrobenzene-d5	8.79	82	290910	94.20	ng		0.00
41) 2,4,6-Tribromophenol	15.78	330	151265	186.32	ng		0.00
44) 2-Fluorobiphenyl	12.90	172	683802	94.74	ng		0.00
78) Terphenyl-d14	19.66	244	1034054	89.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	41450	34.57	ng	#	90
3) Pyridine	3.52	79	86436	26.06	ng		99
4) n-Nitrosodimethylamine	3.42	42	37097	37.37	ng	#	96
6) Aniline	6.97	93	47805	9.29	ng		97
8) 2-Chlorophenol	7.21	128	154306	48.48	ng		99
9) Benzaldehyde	6.78	77	14313	8.44	ng		99
10) Phenol	6.87	94	172123	43.69	ng		98
11) bis(2-Chloroethyl)ether	7.07	93	132510	42.96	ng		99
12) 1,3-Dichlorobenzene	7.52	146	134393	40.44	ng		95
13) 1,4-Dichlorobenzene	7.67	146	136672	40.41	ng		98
14) 1,2-Dichlorobenzene	7.98	146	134365	41.75	ng		100
15) Benzyl Alcohol	7.88	79	115826	48.87	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	127670	42.74	ng		98
17) 2-Methylphenol	8.10	107	128375	48.35	ng		99
18) Hexachloroethane	8.70	117	47224	38.88	ng		96
19) n-Nitroso-di-n-propylamine	8.44	70	99257	41.22	ng		97
20) 3+4-Methylphenols	8.43	107	175928	48.11	ng		98
22) Acetophenone	8.46	105	200584	47.36	ng		99
24) Nitrobenzene	8.84	77	146873	45.70	ng		99
25) Isophorone	9.36	82	282807	44.73	ng		99
26) 2-Nitrophenol	9.55	139	87064	49.06	ng		98
27) 2,4-Dimethylphenol	9.62	122	156825	51.97	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	170906	45.08	ng		99
29) 2,4-Dichlorophenol	10.09	162	140212	56.20	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	121459	45.79	ng		98
31) Naphthalene	10.47	128	457313	46.07	ng		100
32) Benzoic acid	9.77	122	58335	51.45	ng		96
33) 4-Chloroaniline	10.60	127	13210	2.91	ng		94
34) Hexachlorobutadiene	10.75	225	51290	43.51	ng		96
35) Caprolactam	11.37	113	60802m	42.08	ng		
36) 4-Chloro-3-methylphenol	11.74	107	172288	57.18	ng		96
37) 2-Methylnaphthalene	12.09	142	340514	47.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	118165	42.97	ng		98
40) Hexachlorocyclopentadiene	12.44	237	69703	65.12	ng		96

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Quant Time: Apr 23 15:54:43 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	105436	54.15	ng		98
43) 2,4,5-Trichlorophenol	12.80	196	119218	57.42	ng		97
45) 1,1'-Biphenyl	13.11	154	425522	46.22	ng		98
46) 2-Chloronaphthalene	13.15	162	326097	46.26	ng		100
47) 2-Nitroaniline	13.37	65	107358	52.21	ng		94
48) Acenaphthylene	14.00	152	581557	46.46	ng		99
49) Dimethylphthalate	13.75	163	431039	48.76	ng		100
50) 2,6-Dinitrotoluene	13.87	165	110411	50.86	ng		100
51) Acenaphthene	14.35	154	351388	47.05	ng		99
52) 3-Nitroaniline	14.21	138	52189	19.47	ng		98
53) 2,4-Dinitrophenol	14.42	184	57662	59.65	ng		98
54) Dibenzofuran	14.68	168	533636	50.75	ng		100
55) 4-Nitrophenol	14.55	139	199588	98.36	ng		99
56) 2,4-Dinitrotoluene	14.66	165	165652	55.46	ng		98
57) Fluorene	15.33	166	471277	50.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.92	232	94853	60.55	ng		99
59) Diethylphthalate	15.11	149	466497	49.54	ng		100
60) 4-Chlorophenyl-phenylether	15.33	204	187342	49.25	ng		96
61) 4-Nitroaniline	15.37	138	151103	49.19	ng		98
62) Azobenzene	15.62	77	443658	50.76	ng		98
64) 4,6-Dinitro-2-methylphenol	15.43	198	58837	31.07	ng		92
65) n-Nitrosodiphenylamine	15.55	169	435727	44.81	ng		99
66) 4-Bromophenyl-phenylether	16.21	248	105052	46.02	ng		98
67) Hexachlorobenzene	16.33	284	108381	45.45	ng		99
68) Atrazine	16.50	200	140703	51.76	ng		96
69) Pentachlorophenol	16.69	266	97576	79.09	ng		98
70) Phenanthrene	17.07	178	775087	46.95	ng		100
71) Anthracene	17.15	178	786354	47.93	ng		99
72) Carbazole	17.44	167	844242	50.44	ng		99
73) Di-n-butylphthalate	17.99	149	938717	46.08	ng		99
74) Fluoranthene	19.09	202	862526	48.50	ng		99
76) Benzidine	19.28	184	69929	6.83	ng		98
77) Pyrene	19.45	202	890504	47.86	ng		99
79) Butylbenzylphthalate	20.35	149	456128	46.83	ng		98
80) Benzo(a)anthracene	21.19	228	779441	46.66	ng		99
81) 3,3'-Dichlorobenzidine	21.13	252	114175	20.65	ng	#	95
82) Chrysene	21.24	228	738205	46.03	ng		99
83) Bis(2-ethylhexyl)phthalate	21.12	149	581217	43.48	ng		99
84) Di-n-octyl phthalate	21.98	149	1017965	45.85	ng		99
85) Indeno(1,2,3-cd)pyrene	25.69	276	786000	44.66	ng		99
87) Benzo(b)fluoranthene	22.76	252	738323	48.03	ng		99
88) Benzo(k)fluoranthene	22.81	252	720367	47.78	ng		99
89) Benzo(a)pyrene	23.33	252	713315	48.88	ng		99
90) Dibenzo(a,h)anthracene	25.70	278	678116	47.82	ng		99
91) Benzo(g,h,i)perylene	26.38	276	599773	41.92	ng		99

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

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