Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016882.D
Acq On : 6 May 2015 2:38
Operator : TP/IZ
Sample : G2114-18MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID-6(12-18)MSD

Manual Integrations APPROVED
apatel
5/6/2015 5:18:06 PM

Quant Time: May 06 04:13:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 03:35:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	79349	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	349619	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	228656	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	500643	20.00	ng		0.00
75) Chrysene-d12	21.37	240	494999	20.00	ng		0.00
86) Perylene-d12	23.67	264	481819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	488753	107.25	ng		0.00
7) Phenol-d6	6.97	99	695905	106.89	ng		0.00
23) Nitrobenzene-d5	8.96	82	440512	61.55	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	227644	99.17	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	859921	56.75	ng		0.00
78) Terphenyl-d14	19.81	244	1231148	58.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	50600	26.49	ng	#	1
3) Pyridine	3.69	79	146339	24.79	ng		96
4) n-Nitrosodimethylamine	3.61	42	106259	30.15	ng		99
6) Aniline	7.13	93	201343	22.02	ng		96
8) 2-Chlorophenol	7.36	128	171171	32.42	ng		96
9) Benzaldehyde	6.95	77	74895	14.23	ng		96
10) Phenol	7.00	94	250436	35.87	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	171208	31.72	ng		97
12) 1,3-Dichlorobenzene	7.69	146	161040	27.66	ng		96
13) 1,4-Dichlorobenzene	7.84	146	169861	28.81	ng		95
14) 1,2-Dichlorobenzene	8.16	146	163278	28.85	ng		96
15) Benzyl Alcohol	8.04	79	183034	30.78	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	309910	31.01	ng		97
17) 2-Methylphenol	8.25	107	160315	32.61	ng		98
18) Hexachloroethane	8.88	117	69069	28.50	ng		92
19) n-Nitroso-di-n-propylamine	8.61	70	161917	28.36	ng		97
20) 3+4-Methylphenols	8.57	107	217202	32.06	ng		96
22) Acetophenone	8.62	105	263718	31.67	ng	#	99
24) Nitrobenzene	9.00	77	222268	30.75	ng		99
25) Isophorone	9.53	82	423068	29.28	ng		96
26) 2-Nitrophenol	9.71	139	90035	30.60	ng		95
27) 2,4-Dimethylphenol	9.77	122	176526	33.15	ng		97
28) bis(2-Chloroethoxy)methane	10.01	93	228407	31.31	ng		98
29) 2,4-Dichlorophenol	10.24	162	171901	34.17	ng		95
30) 1,2,4-Trichlorobenzene	10.46	180	164086	30.76	ng		95
31) Naphthalene	10.65	128	508466	29.24	ng		98
32) Benzoic acid	9.86	122	55256	21.20	ng		96
33) 4-Chloroaniline	10.75	127	168540	20.99	ng		99
34) Hexachlorobutadiene	10.94	225	95507	28.60	ng		95
35) Caprolactam	11.52	113	83470m	31.94	ng		
36) 4-Chloro-3-methylphenol	11.88	107	212490	32.98	ng		99
37) 2-Methylnaphthalene	12.26	142	398521	30.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	175949	28.47	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	226691	56.79	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	137094	31.30	ng		96
43) 2,4,5-Trichlorophenol	12.94	196	148828	32.01	ng		97
45) 1,1'-Biphenyl	13.27	154	506768	30.96	ng		98
46) 2-Chloronaphthalene	13.32	162	386829	29.83	ng		99
47) 2-Nitroaniline	13.52	65	154154	34.15	ng		97
48) Acenaphthylene	14.16	152	660318	29.24	ng		98
49) Dimethylphthalate	13.90	163	554203	32.46	ng		100
50) 2,6-Dinitrotoluene	14.02	165	116358	32.82	ng		98
51) Acenaphthene	14.51	154	396779	29.52	ng		97
52) 3-Nitroaniline	14.34	138	104771	25.98	ng		94
53) 2,4-Dinitrophenol	14.55	184	106508	65.69	ng		94
54) Dibenzofuran	14.84	168	600211	31.45	ng		98
55) 4-Nitrophenol	14.65	139	226785	66.32	ng		98
56) 2,4-Dinitrotoluene	14.80	165	159743	35.22	ng		99
57) Fluorene	15.49	166	515318	30.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	125978	31.40	ng	#	77
59) Diethylphthalate	15.27	149	542926	30.12	ng		98
60) 4-Chlorophenyl-phenylether	15.49	204	255979	30.16	ng		96
61) 4-Nitroaniline	15.51	138	142698	30.52	ng		99
62) Azobenzene	15.78	77	643066	34.45	ng		97
64) 4,6-Dinitro-2-methylphenol	15.57	198	79252	31.93	ng		97
65) n-Nitrosodiphenylamine	15.70	169	449852	29.44	ng		98
66) 4-Bromophenyl-phenylether	16.38	248	150676	29.98	ng		95
67) Hexachlorobenzene	16.49	284	156188	29.47	ng		97
68) Atrazine	16.65	200	176759	32.14	ng		95
69) Pentachlorophenol	16.84	266	214518	62.35	ng		98
70) Phenanthrene	17.23	178	770242	29.90	ng		99
71) Anthracene	17.32	178	786992	30.28	ng		99
72) Carbazole	17.59	167	772674	31.27	ng		98
73) Di-n-butylphthalate	18.16	149	948003	29.59	ng		100
74) Fluoranthene	19.24	202	878691	29.40	ng		99
76) Benzidine	19.43	184	389143	23.14	ng		99
77) Pyrene	19.61	202	895168	30.64	ng		97
79) Butylbenzylphthalate	20.51	149	423451	30.50	ng		98
80) Benzo(a)anthracene	21.35	228	809706	30.49	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	275005	26.52	ng		97
82) Chrysene	21.40	228	752242	30.24	ng		98
83) Bis(2-ethylhexyl)phthalate	21.29	149	583862	30.74	ng		98
84) Di-n-octyl phthalate	22.19	149	1023825	32.09	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.04	276	875427	29.54	ng	#	100
87) Benzo(b)fluoranthene	22.98	252	842580	31.39	ng		98
88) Benzo(k)fluoranthene	23.02	252	773155	29.94	ng		99
89) Benzo(a)pyrene	23.57	252	783465	31.30	ng		96
90) Dibenzo(a,h)anthracene	26.06	278	738773	28.90	ng		98
91) Benzo(g,h,i)perylene	26.76	276	714472	29.35	ng		96

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

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