Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023096.D
Acq On : 14 Jul 2016 11:30
Operator : UM/SJ
Sample : PB92086BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92086BS

Manual Integrations
APPROVED
Sohil
7/15/2016 9:14:06 AM

Quant Time: Jul 14 18:13:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103044	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	477271	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	388481	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	951722	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1011208	20.00	ng		0.02
86) Perylene-d12	25.25	264	1036472	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	822396	130.53	ng		0.00
7) Phenol-d6	7.32	99	1283518	130.07	ng		0.00
23) Nitrobenzene-d5	9.33	82	900556	80.80	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	700350	100.31	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1851571	75.07	ng		0.00
78) Terphenyl-d14	20.16	244	2758476	87.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	109458	44.70	ng		97
3) Pyridine	3.97	79	267640	31.94	ng		92
4) n-Nitrosodimethylamine	3.88	42	135923	37.81	ng	#	86
6) Aniline	7.47	93	360965	26.39	ng		94
8) 2-Chlorophenol	7.71	128	301738	45.00	ng		98
9) Benzaldehyde	7.29	77	141972	21.53	ng		96
10) Phenol	7.34	94	457886	45.10	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	303127	37.67	ng		90
12) 1,3-Dichlorobenzene	8.04	146	293984	35.82	ng		98
13) 1,4-Dichlorobenzene	8.19	146	305358	37.16	ng		98
14) 1,2-Dichlorobenzene	8.51	146	297383	36.41	ng		96
15) Benzyl Alcohol	8.39	79	401285	44.40	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	380041	38.66	ng		92
17) 2-Methylphenol	8.60	107	292574	44.27	ng		94
18) Hexachloroethane	9.25	117	125374	36.15	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	331944	37.32	ng		100
20) 3+4-Methylphenols	8.93	107	414219	44.94	ng		98
22) Acetophenone	8.98	105	523583	36.55	ng	#	91
24) Nitrobenzene	9.37	77	483500	40.82	ng		93
25) Isophorone	9.89	82	848987	37.87	ng		98
26) 2-Nitrophenol	10.09	139	187455	40.34	ng		92
27) 2,4-Dimethylphenol	10.14	122	333940	41.57	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	484390	38.74	ng		100
29) 2,4-Dichlorophenol	10.63	162	369514	43.13	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	368166	37.50	ng		96
31) Naphthalene	11.03	128	931981	38.36	ng		98
32) Benzoic acid	10.28	122	221300	30.28	ng		94
33) 4-Chloroaniline	11.15	127	195353	16.44	ng		98
34) Hexachlorobutadiene	11.31	225	277404	34.85	ng		96
35) Caprolactam	11.92	113	136957	38.85	ng		96
36) 4-Chloro-3-methylphenol	12.26	107	473137	40.37	ng		95
37) 2-Methylnaphthalene	12.63	142	772525	40.23	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	495337	29.59	ng		99
40) Hexachlorocyclopentadiene	12.97	237	651416	67.59	ng		98

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Quant Time: Jul 14 18:13:37 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	354871	36.88	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	379770	38.43	ng		96
45) 1,1'-Biphenyl	13.64	154	1090152	37.40	ng		100
46) 2-Chloronaphthalene	13.68	162	889731	37.63	ng		97
47) 2-Nitroaniline	13.88	65	397476	39.40	ng		96
48) Acenaphthylene	14.53	152	1367182	38.54	ng		99
49) Dimethylphthalate	14.25	163	1218815	38.41	ng		97
50) 2,6-Dinitrotoluene	14.38	165	282763	39.65	ng		90
51) Acenaphthene	14.87	154	1157185m	49.93	ng		
52) 3-Nitroaniline	14.71	138	180561	25.39	ng		94
53) 2,4-Dinitrophenol	14.92	184	343259	70.15	ng		95
54) Dibenzofuran	15.20	168	1447271	41.72	ng		100
55) 4-Nitrophenol	15.02	139	429967	72.13	ng		97
56) 2,4-Dinitrotoluene	15.16	165	412122	39.64	ng		98
57) Fluorene	15.85	166	1188815	39.81	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.43	232	403160	40.78	ng		99
59) Diethylphthalate	15.61	149	1273904	39.45	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	686216	37.73	ng		98
61) 4-Nitroaniline	15.88	138	282597	36.72	ng	#	88
62) Azobenzene	16.13	77	1414034	45.79	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	248742	35.17	ng		93
65) n-Nitrosodiphenylamine	16.06	169	1098590	40.07	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	459750	37.13	ng		96
67) Hexachlorobenzene	16.86	284	481802	35.79	ng		96
68) Atrazine	17.00	200	467024	38.40	ng		100
69) Pentachlorophenol	17.20	266	616645	70.73	ng		98
70) Phenanthrene	17.60	178	1894943	40.63	ng		98
71) Anthracene	17.69	178	1926447	40.79	ng		99
72) Carbazole	17.96	167	1690040	41.41	ng		98
73) Di-n-butylphthalate	18.50	149	1993997	43.94	ng		99
74) Fluoranthene	19.61	202	2183100	38.14	ng		98
76) Benzidine	19.78	184	1054087	36.36	ng		98
77) Pyrene	19.97	202	2219505	39.06	ng		99
79) Butylbenzylphthalate	20.84	149	986740	43.84	ng		97
80) Benzo(a)anthracene	21.85	228	2324389	41.08	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	666425	26.84	ng	#	97
82) Chrysene	21.92	228	2174306	40.97	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1348863	43.16	ng		97
84) Di-n-octyl phthalate	22.98	149	2276842	43.68	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2638117	38.99	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2460095	41.14	ng	#	98
88) Benzo(k)fluoranthene	24.24	252	2324674	40.96	ng	#	96
89) Benzo(a)pyrene	25.08	252	2409647	42.04	ng	#	99
90) Dibenzo(a,h)anthracene	29.17	278	2200642	38.68	ng	#	97
91) Benzo(g,h,i)perylene	30.31	276	2111703	37.06	ng	#	93

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

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