Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032853.D
Acq On : 27 Feb 2018 13:55
Operator : SJ/JU
Sample : J1395-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-01-022318MS

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:27 PM

Quant Time: Feb 28 02:53:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	92241	20.00 ng		0.00
21) Naphthalene-d8	11.81	136	401598	20.00 ng		0.00
38) Acenaphthene-d10	15.54	164	225813	20.00 ng		0.00
63) Phenanthrene-d10	18.26	188	485154	20.00 ng		0.00
75) Chrysene-d12	22.63	240	440452	20.00 ng		0.00
86) Perylene-d12	26.43	264	475813	20.00 ng		0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	679587	117.87 ng		0.00
7) Phenol-d6	8.02	99	839330	104.44 ng		0.00
23) Nitrobenzene-d5	10.13	82	565144	96.18 ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	322371	135.77 ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1243519	79.42 ng		0.00
78) Terphenyl-d14	20.78	244	1680364	85.71 ng		0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.98	88	87658	35.032 ng		88
3) Pyridine	4.45	79	179395	26.012 ng		99
4) n-Nitrosodimethylamine	4.34	42	122606	44.341 ng	#	95
6) Aniline	8.21	93	191310	17.587 ng		94
8) 2-Chlorophenol	8.47	128	280043	44.376 ng		92
9) Benzaldehyde	8.02	77	98672	21.303 ng		94
10) Phenol	8.05	94	309849	38.247 ng		91
11) bis(2-Chloroethyl)ether	8.30	93	265775	40.121 ng		92
12) 1,3-Dichlorobenzene	8.81	146	270335	36.574 ng		97
13) 1,4-Dichlorobenzene	8.96	146	274906	36.949 ng		96
14) 1,2-Dichlorobenzene	9.29	146	263433	36.948 ng		98
15) Benzyl Alcohol	9.16	79	243490	41.213 ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	427111	37.506 ng		95
17) 2-Methylphenol	9.35	107	237977	39.837 ng		94
18) Hexachloroethane	10.05	117	99621	39.325 ng	#	85
19) n-Nitroso-di-n-propylamine	9.74	70	219462	38.682 ng	#	96
20) 3+4-Methylphenols	9.69	107	326789	39.343 ng		94
22) Acetophenone	9.77	105	403448	39.779 ng	#	93
24) Nitrobenzene	10.17	77	297069	46.599 ng		90
25) Isophorone	10.69	82	607677	43.110 ng	#	94
26) 2-Nitrophenol	10.90	139	144531	59.017 ng		92
27) 2,4-Dimethylphenol	10.92	122	302127	49.340 ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	369164	44.956 ng		95
29) 2,4-Dichlorophenol	11.43	162	261502	47.053 ng		96
30) 1,2,4-Trichlorobenzene	11.66	180	254518	39.069 ng		96
31) Naphthalene	11.86	128	840347	40.045 ng		98
32) Benzoic acid	11.01	122	83668m	28.070 ng		
33) 4-Chloroaniline	11.95	127	147821	15.754 ng		93
34) Hexachlorobutadiene	12.12	225	134038	36.681 ng		95
35) Caprolactam	12.69	113	79330	35.649 ng	#	80
36) 4-Chloro-3-methylphenol	13.00	107	309225	47.813 ng		91
37) 2-Methylnaphthalene	13.41	142	625617	41.207 ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	262785	39.202 ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	316790	92.730 ng		93

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QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	201766	47.728	ng		98
43) 2,4,5-Trichlorophenol	14.06	196	219643	44.892	ng	#	98
45) 1,1'-Biphenyl	14.38	154	782189	39.640	ng		94
46) 2-Chloronaphthalene	14.43	162	594646	40.342	ng		97
47) 2-Nitroaniline	14.61	65	203404	53.341	ng		90
48) Acenaphthylene	15.27	152	957490	39.676	ng		97
49) Dimethylphthalate	14.97	163	771986	40.263	ng		100
50) 2,6-Dinitrotoluene	15.09	165	172750	53.242	ng		90
51) Acenaphthene	15.60	154	630700	41.964	ng		98
52) 3-Nitroaniline	15.42	138	117966	32.868	ng	#	83
53) 2,4-Dinitrophenol	15.62	184	82147	81.414	ng	#	14
54) Dibenzofuran	15.93	168	898492	41.985	ng		94
55) 4-Nitrophenol	15.69	139	265360	84.115	ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	238839	60.113	ng		85
57) Fluorene	16.57	166	727065	41.163	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	186836m	49.185	ng		
59) Diethylphthalate	16.31	149	875842	43.309	ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	362302	41.930	ng		92
61) 4-Nitroaniline	16.58	138	187868	45.563	ng		82
62) Azobenzene	16.84	77	751963	41.564	ng		98
64) 4,6-Dinitro-2-methylphenol	16.62	198	77660	52.819	ng		98
65) n-Nitrosodiphenylamine	16.76	169	675561	42.804	ng		97
66) 4-Bromophenyl-phenylether	17.44	248	218365	42.566	ng	#	89
67) Hexachlorobenzene	17.57	284	226566	40.869	ng		94
68) Atrazine	17.68	200	226203	43.542	ng		96
69) Pentachlorophenol	17.90	266	264607	75.777	ng		97
70) Phenanthrene	18.31	178	1132402	41.837	ng		97
71) Anthracene	18.40	178	1156271	42.551	ng		97
72) Carbazole	18.65	167	1092056	40.773	ng	#	95
73) Di-n-butylphthalate	19.15	149	1371443	41.738	ng		98
74) Fluoranthene	20.26	202	1254520	41.959	ng		92
76) Benzidine	20.41	184	156123	10.399	ng		99
77) Pyrene	20.62	202	1260974	40.597	ng		95
79) Butylbenzylphthalate	21.48	149	638874	46.392	ng		94
80) Benzo(a)anthracene	22.60	228	1214997	43.018	ng		98
81) 3,3'-Dichlorobenzidine	22.49	252	276572	26.439	ng	#	98
82) Chrysene	22.68	228	1149407	42.602	ng		96
83) Bis(2-ethylhexyl)phthalate	22.44	149	915240	44.898	ng	#	97
84) Di-n-octyl phthalate	23.87	149	1560061	50.209	ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	1432655	45.532	ng		99
87) Benzo(b)fluoranthene	25.21	252	1247594	44.346	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	1201229	42.963	ng	#	95
89) Benzo(a)pyrene	26.26	252	1199667	44.833	ng	#	96
90) Dibenzo(a,h)anthracene	30.96	278	1199882	44.548	ng	#	94
91) Benzo(g,h,i)perylene	32.27	276	1172950	44.177	ng	#	89

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

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