Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071217\
Data File : BM010798.D
Acq On : 12 Jul 2017 13:06
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Quant Time: Jul 12 14:02:40 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 13:55:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	261060	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	1060954	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	675380	20.00	ng		0.00
63) Phenanthrene-d10	16.86	188	1561901	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1543457	20.00	ng		0.00
86) Perylene-d12	23.20	264	1380152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1911856	132.25	ng		0.00
7) Phenol-d6	6.65	99	2679419	144.04	ng		0.00
23) Nitrobenzene-d5	8.60	82	3336166	169.65	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1250541	121.91	ng		0.00
44) 2-Fluorobiphenyl	12.72	172	6818525	129.79	ng		0.00
78) Terphenyl-d14	19.52	244	10148453	149.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	394178	59.343	ng	#	100
3) Pyridine	3.46	79	1140139	64.120	ng		89
4) n-Nitrosodimethylamine	3.39	42	576229	89.596	ng	#	71
6) Aniline	6.80	93	1684496	73.086	ng		95
8) 2-Chlorophenol	7.02	128	986798	62.738	ng		87
9) Benzaldehyde	6.61	77	853041	73.666	ng		87
10) Phenol	6.67	94	1421065	72.490	ng		96
11) bis(2-Chloroethyl)ether	6.90	93	1076104	73.642	ng		97
12) 1,3-Dichlorobenzene	7.34	146	1129032	56.487	ng	#	87
13) 1,4-Dichlorobenzene	7.49	146	1177145	57.332	ng	#	92
14) 1,2-Dichlorobenzene	7.80	146	1112934	56.469	ng	#	91
15) Benzyl Alcohol	7.69	79	1277148	90.744	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.98	45	941444	65.527	ng		80
17) 2-Methylphenol	7.90	107	942850	67.593	ng	#	82
18) Hexachloroethane	8.51	117	505748	75.986	ng	#	80
19) n-Nitroso-di-n-propylamine	8.26	70	1073156	81.734	ng		95
20) 3+4-Methylphenols	8.23	107	1334182	70.822	ng	#	83
22) Acetophenone	8.27	105	1909882	70.226	ng	#	97
24) Nitrobenzene	8.64	77	1692367	83.537	ng		91
25) Isophorone	9.17	82	2780134	81.816	ng	#	89
26) 2-Nitrophenol	9.34	139	591861	69.310	ng	#	36
27) 2,4-Dimethylphenol	9.41	122	1023702	66.392	ng	#	73
28) bis(2-Chloroethoxy)methane	9.65	93	1507786	69.918	ng		98
29) 2,4-Dichlorophenol	9.87	162	1121444	63.171	ng		96
30) 1,2,4-Trichlorobenzene	10.08	180	1373767	59.810	ng		99
31) Naphthalene	10.26	128	3257674	57.399	ng		100
32) Benzoic acid	9.60	122	836644	79.623	ng	#	72
33) 4-Chloroaniline	10.38	127	1338492	61.216	ng	#	80
34) Hexachlorobutadiene	10.55	225	1054768	68.842	ng		98
35) Caprolactam	11.18	113	308332	60.529	ng	#	90
36) 4-Chloro-3-methylphenol	11.52	107	1431468	74.450	ng	#	73
37) 2-Methylnaphthalene	11.89	142	2328036	56.971	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1810911	69.727	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	1107304	73.841	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.52	196	1133277	74.084	ng		98
43) 2,4,5-Trichlorophenol	12.59	196	1156767	68.435	ng	#	88
45) 1,1'-Biphenyl	12.93	154	3608667	64.974	ng		99
46) 2-Chloronaphthalene	12.96	162	2701914	60.086	ng	#	93
47) 2-Nitroaniline	13.18	65	913181	78.973	ng	#	76
48) Acenaphthylene	13.82	152	3962733	59.597	ng		99
49) Dimethylphthalate	13.58	163	3429585	56.928	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	719604	62.906	ng	#	69
51) Acenaphthene	14.17	154	2442885	59.100	ng		99
52) 3-Nitroaniline	14.02	138	635418	59.762	ng	#	41
53) 2,4-Dinitrophenol	14.23	184	490365	74.362	ng	#	87
54) Dibenzofuran	14.50	168	3859625	59.380	ng	#	91
55) 4-Nitrophenol	14.34	139	544768	63.667	ng	#	1
56) 2,4-Dinitrotoluene	14.49	165	967124	59.757	ng		94
57) Fluorene	15.16	166	3299491	58.375	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.74	232	996797	69.234	ng	#	100
59) Diethylphthalate	14.96	149	3416221	59.976	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1978058	62.330	ng		97
61) 4-Nitroaniline	15.20	138	657284	60.897	ng	#	1
62) Azobenzene	15.46	77	3481494	83.126	ng		89
64) 4,6-Dinitro-2-methylphenol	15.25	198	662092	69.388	ng		90
65) n-Nitrosodiphenylamine	15.38	169	2818927	60.219	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	1251970	62.615	ng	#	91
67) Hexachlorobenzene	16.16	284	1404682	57.824	ng	#	86
68) Atrazine	16.34	200	1109348	62.504	ng		96
69) Pentachlorophenol	16.51	266	916243	68.670	ng		98
70) Phenanthrene	16.90	178	4961639	56.777	ng		99
71) Anthracene	16.99	178	4971854	57.330	ng		99
72) Carbazole	17.26	167	4211888	54.854	ng		99
73) Di-n-butylphthalate	17.85	149	5159546	56.676	ng	#	96
74) Fluoranthene	18.93	202	5805243	51.164	ng		97
76) Benzidine	19.13	184	2571249	90.318	ng		99
77) Pyrene	19.29	202	5798655	70.074	ng		100
79) Butylbenzylphthalate	20.23	149	2079632	67.890	ng	#	74
80) Benzo(a)anthracene	21.06	228	5424483	63.770	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	2224704	65.019	ng	#	97
82) Chrysene	21.11	228	5171142	64.096	ng		99
83) Bis(2-ethylhexyl)phthalate	21.02	149	3007669	65.656	ng	#	99
84) Di-n-octyl phthalate	21.87	149	4855955	59.209	ng		99
85) Indeno(1,2,3-cd)pyrene	25.31	276	5760563	48.692	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	5554497	68.767	ng	#	91
88) Benzo(k)fluoranthene	22.61	252	5016761	63.394	ng	#	95
89) Benzo(a)pyrene	23.11	252	4996450	64.915	ng	#	95
90) Dibenzo(a,h)anthracene	25.33	278	4705834	54.675	ng	#	92
91) Benzo(g,h,i)perylene	25.96	276	4599853	54.543	ng	#	85

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

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