Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010072.D
Acq On : 19 May 2017 13:24
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Quant Time: May 19 13:55:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 12:47:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	200032	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	727150	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	483484	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	1188269	20.00	ng		0.00
75) Chrysene-d12	21.52	240	1759319	20.00	ng		0.00
86) Perylene-d12	23.89	264	1950146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1852747	144.95	ng		0.00
7) Phenol-d6	7.17	99	2384758	116.43	ng		0.00
23) Nitrobenzene-d5	9.17	82	2452914	123.28	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1319091	199.35	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	6308566	174.50	ng		0.00
78) Terphenyl-d14	19.96	244	11638032	139.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	438956	92.69	ng	#	100
3) Pyridine	3.87	79	1132958	64.91	ng		90
4) n-Nitrosodimethylamine	3.78	42	445670	46.62	ng	#	93
6) Aniline	7.33	93	1484756	55.83	ng		95
8) 2-Chlorophenol	7.55	128	993570	71.60	ng		97
9) Benzaldehyde	7.14	77	589777	38.47	ng		93
10) Phenol	7.20	94	1251130	56.21	ng		84
11) bis(2-Chloroethyl)ether	7.41	93	938817	54.25	ng		98
12) 1,3-Dichlorobenzene	7.86	146	1266517	81.76	ng	#	94
13) 1,4-Dichlorobenzene	8.01	146	1291670	81.37	ng		97
14) 1,2-Dichlorobenzene	8.33	146	1239152	80.52	ng		95
15) Benzyl Alcohol	8.25	79	946332	54.21	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.49	45	840775	30.61	ng		84
17) 2-Methylphenol	8.44	107	870205	59.90	ng	#	89
18) Hexachloroethane	9.05	117	435207	66.13	ng	#	75
19) n-Nitroso-di-n-propylamine	8.80	70	860865	46.33	ng	#	89
20) 3+4-Methylphenols	8.77	107	1191714	60.25	ng		91
22) Acetophenone	8.82	105	1600227	71.98	ng	#	97
24) Nitrobenzene	9.21	77	1243440	58.72	ng		99
25) Isophorone	9.73	82	2042496	59.65	ng		95
26) 2-Nitrophenol	9.91	139	539157	84.56	ng	#	72
27) 2,4-Dimethylphenol	9.97	122	897649	75.21	ng	#	83
28) bis(2-Chloroethoxy)methane	10.20	93	1223889	59.33	ng		97
29) 2,4-Dichlorophenol	10.44	162	1073538	92.45	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	1349932	99.56	ng		98
31) Naphthalene	10.84	128	3221674	80.48	ng		99
32) Benzoic acid	10.15	122	648112	81.18	ng		88
33) 4-Chloroaniline	10.97	127	1280799	75.26	ng	#	86
34) Hexachlorobutadiene	11.08	225	919900	99.71	ng		97
35) Caprolactam	11.83	113	306003	67.45	ng	#	76
36) 4-Chloro-3-methylphenol	12.09	107	1135325	73.16	ng		87
37) 2-Methylnaphthalene	12.44	142	2352007	82.08	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	1586258	90.14	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	977654	362.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	979555	90.42	ng		98
43) 2,4,5-Trichlorophenol	13.12	196	1071845	91.08	ng	#	94
45) 1,1'-Biphenyl	13.45	154	3298437	81.98	ng		99
46) 2-Chloronaphthalene	13.49	162	2659334	84.11	ng		97
47) 2-Nitroaniline	13.73	65	740381	51.72	ng		87
48) Acenaphthylene	14.34	152	3994057	80.22	ng		99
49) Dimethylphthalate	14.08	163	3542991	83.14	ng	#	99
50) 2,6-Dinitrotoluene	14.21	165	720204	83.39	ng		98
51) Acenaphthene	14.67	154	2438657	77.72	ng		99
52) 3-Nitroaniline	14.56	138	661448	72.11	ng	#	78
53) 2,4-Dinitrophenol	14.74	184	445115	110.76	ng	#	78
54) Dibenzofuran	15.01	168	3842959	79.95	ng		99
55) 4-Nitrophenol	14.87	139	548632	89.33	ng	#	54
56) 2,4-Dinitrotoluene	14.99	165	1010851	79.12	ng	#	75
57) Fluorene	15.66	166	3405774	80.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.23	232	925397	91.02	ng	#	100
59) Diethylphthalate	15.43	149	3422668	76.49	ng		97
60) 4-Chlorophenyl-phenylether	15.64	204	1913963	82.70	ng		96
61) 4-Nitroaniline	15.73	138	685386	73.35	ng	#	51
62) Azobenzene	15.94	77	2676321	49.30	ng		93
64) 4,6-Dinitro-2-methylphenol	15.74	198	672178	94.11	ng		82
65) n-Nitrosodiphenylamine	15.87	169	2983182	80.90	ng		100
66) 4-Bromophenyl-phenylether	16.54	248	1280479	90.73	ng		96
67) Hexachlorobenzene	16.63	284	1516641	96.82	ng		97
68) Atrazine	16.82	200	1141295	84.70	ng		99
69) Pentachlorophenol	17.00	266	932959	140.01	ng		98
70) Phenanthrene	17.40	178	5539828	81.22	ng		100
71) Anthracene	17.49	178	5606649	80.58	ng		99
72) Carbazole	17.77	167	4855769	78.18	ng		98
73) Di-n-butylphthalate	18.30	149	5947320	75.32	ng		98
74) Fluoranthene	19.40	202	7172290	81.96	ng		98
76) Benzidine	19.60	184	2668009	60.66	ng		98
77) Pyrene	19.77	202	7573121	72.33	ng		99
79) Butylbenzylphthalate	20.64	149	2965771	68.03	ng	#	88
80) Benzo(a)anthracene	21.50	228	7938830	75.10	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	3229164	82.92	ng	#	97
82) Chrysene	21.55	228	7459662	75.25	ng		99
83) Bis(2-ethylhexyl)phthalate	21.39	149	4431227	68.07	ng	#	95
84) Di-n-octyl phthalate	22.30	149	8093194	72.46	ng		96
85) Indeno(1,2,3-cd)pyrene	26.34	276	11497013	137.59	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	9350080	70.80	ng	#	94
88) Benzo(k)fluoranthene	23.22	252	9250529	73.72	ng	#	95
89) Benzo(a)pyrene	23.79	252	9011267	77.39	ng	#	98
90) Dibenzo(a,h)anthracene	26.35	278	10253489	99.79	ng	#	93
91) Benzo(g,h,i)perylene	27.10	276	9945640	105.03	ng	#	88

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

Quantitation Report   (QT Reviewed)

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