Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015272.D
Acq On : 23 May 2018 11:23
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: May 23 12:01:30 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	244518	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	1018164	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	515602	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1009594	20.00	ng		0.00
75) Chrysene-d12	21.83	240	927974	20.00	ng		0.00
86) Perylene-d12	24.27	264	914460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1210856	81.02	ng		0.00
7) Phenol-d6	7.55	99	1623530	83.42	ng		0.00
23) Nitrobenzene-d5	9.59	82	1545880	83.17	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	539693	83.47	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3425416	82.59	ng		0.00
78) Terphenyl-d14	20.29	244	3609727	85.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	238068	38.557	ng	#	100
3) Pyridine	4.07	79	647321	40.926	ng		90
4) n-Nitrosodimethylamine	3.98	42	363368	42.459	ng	#	70
6) Aniline	7.72	93	1006582	41.977	ng		97
8) 2-Chlorophenol	7.96	128	699979	41.500	ng		97
9) Benzaldehyde	7.53	77	509130	41.360	ng		94
10) Phenol	7.57	94	815689	41.273	ng		80
11) bis(2-Chloroethyl)ether	7.81	93	657316	41.931	ng		91
12) 1,3-Dichlorobenzene	8.29	146	774105	40.254	ng	#	95
13) 1,4-Dichlorobenzene	8.44	146	788324	40.542	ng		96
14) 1,2-Dichlorobenzene	8.76	146	750437	40.662	ng		96
15) Benzyl Alcohol	8.65	79	604655	42.965	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	1052660	42.563	ng		95
17) 2-Methylphenol	8.85	107	551978	42.014	ng	#	94
18) Hexachloroethane	9.50	117	290236	42.032	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	542418	43.729	ng	#	89
20) 3+4-Methylphenols	9.18	107	735116	42.139	ng		95
22) Acetophenone	9.25	105	997416	40.836	ng	#	95
24) Nitrobenzene	9.63	77	795227	41.091	ng		97
25) Isophorone	10.16	82	1365881	42.785	ng		96
26) 2-Nitrophenol	10.35	139	359705	41.426	ng	#	80
27) 2,4-Dimethylphenol	10.39	122	650844	41.329	ng		90
28) bis(2-Chloroethoxy)methane	10.63	93	876884	41.948	ng		98
29) 2,4-Dichlorophenol	10.88	162	623953	41.841	ng		99
30) 1,2,4-Trichlorobenzene	11.10	180	716461	40.780	ng		98
31) Naphthalene	11.29	128	2130717	40.263	ng		99
32) Benzoic acid	10.55	122	363350	39.885	ng		94
33) 4-Chloroaniline	11.40	127	873660	41.369	ng	#	92
34) Hexachlorobutadiene	11.56	225	432076	41.356	ng		96
35) Caprolactam	12.19	113	166066	39.346	ng		90
36) 4-Chloro-3-methylphenol	12.49	107	634510	41.650	ng		92
37) 2-Methylnaphthalene	12.87	142	1499067	40.876	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	754974	41.570	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	468277	42.123	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	468114	42.892	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	494241	41.941	ng	#	90
45) 1,1'-Biphenyl	13.86	154	1855917	41.140	ng		98
46) 2-Chloronaphthalene	13.91	162	1425587	41.060	ng		94
47) 2-Nitroaniline	14.11	65	408618	41.310	ng		88
48) Acenaphthylene	14.75	152	2147523	41.641	ng		99
49) Dimethylphthalate	14.46	163	1660423	40.352	ng		99
50) 2,6-Dinitrotoluene	14.59	165	358834	41.799	ng		94
51) Acenaphthene	15.08	154	1305656	40.642	ng		99
52) 3-Nitroaniline	14.92	138	362199	40.068	ng	#	81
53) 2,4-Dinitrophenol	15.13	184	175484	37.958	ng		90
54) Dibenzofuran	15.41	168	2024965	39.978	ng		93
55) 4-Nitrophenol	15.21	139	284912	38.860	ng	#	53
56) 2,4-Dinitrotoluene	15.37	165	469728	39.958	ng	#	81
57) Fluorene	16.05	166	1612010	40.272	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	412138	40.783	ng	#	100
59) Diethylphthalate	15.80	149	1651093	40.705	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	826415	40.532	ng		95
61) 4-Nitroaniline	16.07	138	368974	39.041	ng	#	71
62) Azobenzene	16.33	77	1637867	42.505	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	230291	41.327	ng		95
65) n-Nitrosodiphenylamine	16.25	169	1369947	42.231	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	482505	42.777	ng	#	90
67) Hexachlorobenzene	17.04	284	539860	41.561	ng	#	90
68) Atrazine	17.17	200	436175	42.387	ng		98
69) Pentachlorophenol	17.38	266	294829	40.774	ng		97
70) Phenanthrene	17.78	178	2323381	40.403	ng		99
71) Anthracene	17.87	178	2363887	41.239	ng		99
72) Carbazole	18.13	167	2049407	40.385	ng		99
73) Di-n-butylphthalate	18.65	149	2568622	42.991	ng		99
74) Fluoranthene	19.75	202	2478759	39.303	ng		97
76) Benzidine	19.92	184	1299780	44.742	ng		99
77) Pyrene	20.10	202	2501010	42.703	ng		100
79) Butylbenzylphthalate	20.95	149	1076307	45.007	ng		90
80) Benzo(a)anthracene	21.82	228	2384712	40.780	ng		100
81) 3,3'-Dichlorobenzidine	21.74	252	903061	41.706	ng		98
82) Chrysene	21.87	228	2227717	40.449	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	1562485	44.920	ng		98
84) Di-n-octyl phthalate	22.63	149	2544975	41.832	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.80	276	2629252	39.460	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2343881	40.509	ng		98
88) Benzo(k)fluoranthene	23.57	252	2278632	41.634	ng		99
89) Benzo(a)pyrene	24.17	252	2223818	41.205	ng		98
90) Dibenzo(a,h)anthracene	26.80	278	2234791	40.589	ng		100
91) Benzo(g,h,i)perylene	27.57	276	2168304	40.433	ng		97

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

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