Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015243.D
Acq On : 22 May 2018 16:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 23 04:02:56 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	8.41	152	190299	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	764431	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	394841	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	820161	20.00	ng		0.00
75) Chrysene-d12	21.83	240	849498	20.00	ng		0.00
86) Perylene-d12	24.27	264	869633	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	928648	79.84	ng		0.00
7) Phenol-d6	7.55	99	1218529	80.45	ng		0.00
23) Nitrobenzene-d5	9.59	82	1141456	81.80	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	416556	84.13	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2515990	79.21	ng		0.00
78) Terphenyl-d14	20.29	244	3045100	79.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	186191	38.747	ng	#	100
3) Pyridine	4.07	79	496960	40.371	ng	#	88
4) n-Nitrosodimethylamine	3.98	42	273388	41.046	ng	#	66
6) Aniline	7.72	93	743985	39.866	ng		97
8) 2-Chlorophenol	7.96	128	523414	39.873	ng		97
9) Benzaldehyde	7.53	77	375911	39.238	ng		97
10) Phenol	7.57	94	614027	39.921	ng		81
11) bis(2-Chloroethyl)ether	7.82	93	483573	39.636	ng		92
12) 1,3-Dichlorobenzene	8.29	146	589293	39.374	ng	#	97
13) 1,4-Dichlorobenzene	8.45	146	596941	39.446	ng		96
14) 1,2-Dichlorobenzene	8.77	146	574064	39.968	ng		95
15) Benzyl Alcohol	8.65	79	447706	40.876	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.94	45	755260	39.239	ng		95
17) 2-Methylphenol	8.85	107	410436	40.141	ng	#	93
18) Hexachloroethane	9.50	117	215593	40.118	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	391110	40.514	ng	#	87
20) 3+4-Methylphenols	9.18	107	546902	40.282	ng		95
22) Acetophenone	9.25	105	735599	40.114	ng		93
24) Nitrobenzene	9.64	77	585421	40.290	ng		96
25) Isophorone	10.16	82	978630	40.830	ng		95
26) 2-Nitrophenol	10.35	139	260968	40.031	ng	#	80
27) 2,4-Dimethylphenol	10.39	122	480224	40.616	ng		90
28) bis(2-Chloroethoxy)methane	10.63	93	631312	40.225	ng		98
29) 2,4-Dichlorophenol	10.89	162	461129	41.186	ng		97
30) 1,2,4-Trichlorobenzene	11.10	180	528846	40.093	ng		99
31) Naphthalene	11.30	128	1577859	39.712	ng		99
32) Benzoic acid	10.53	122	272100	39.782	ng		91
33) 4-Chloroaniline	11.40	127	652754	41.168	ng	#	91
34) Hexachlorobutadiene	11.56	225	317741	40.507	ng		98
35) Caprolactam	12.19	113	128914	40.682	ng		94
36) 4-Chloro-3-methylphenol	12.49	107	472383	41.300	ng		90
37) 2-Methylnaphthalene	12.87	142	1112280	40.396	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	558473	40.156	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	324126	38.580	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	347641	41.595	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	371120	41.125	ng	#	89
45) 1,1'-Biphenyl	13.86	154	1380697	39.966	ng		99
46) 2-Chloronaphthalene	13.91	162	1070168	40.250	ng		94
47) 2-Nitroaniline	14.11	65	305373	40.314	ng		88
48) Acenaphthylene	14.75	152	1607296	40.698	ng		99
49) Dimethylphthalate	14.46	163	1262183	40.055	ng	#	99
50) 2,6-Dinitrotoluene	14.59	165	275461	41.901	ng		94
51) Acenaphthene	15.09	154	992778	40.355	ng		99
52) 3-Nitroaniline	14.93	138	281582	40.677	ng		84
53) 2,4-Dinitrophenol	15.13	184	134813	38.059	ng		92
54) Dibenzofuran	15.42	168	1553635	40.054	ng		95
55) 4-Nitrophenol	15.22	139	228593	40.714	ng	#	53
56) 2,4-Dinitrotoluene	15.37	165	363222	40.348	ng	#	77
57) Fluorene	16.06	166	1239691	40.443	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	315721	40.798	ng	#	100
59) Diethylphthalate	15.80	149	1266510	40.773	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	622037	39.839	ng		95
61) 4-Nitroaniline	16.07	138	296566	40.977	ng	#	69
62) Azobenzene	16.33	77	1233370	41.797	ng		90
64) 4,6-Dinitro-2-methylphenol	16.13	198	182191	40.247	ng		94
65) n-Nitrosodiphenylamine	16.25	169	1053743	39.986	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	369245	40.297	ng	#	89
67) Hexachlorobenzene	17.04	284	422027	39.994	ng	#	89
68) Atrazine	17.18	200	346372	41.434	ng		97
69) Pentachlorophenol	17.39	266	237028	40.352	ng		97
70) Phenanthrene	17.78	178	1859505	39.805	ng		100
71) Anthracene	17.87	178	1892482	40.640	ng		99
72) Carbazole	18.13	167	1697707	41.181	ng		99
73) Di-n-butylphthalate	18.66	149	2026943	41.761	ng		99
74) Fluoranthene	19.75	202	2085357	40.702	ng		97
76) Benzidine	19.92	184	1159590	43.604	ng		99
77) Pyrene	20.11	202	2137872	39.874	ng		100
79) Butylbenzylphthalate	20.95	149	910029	41.570	ng		90
80) Benzo(a)anthracene	21.82	228	2145132	40.072	ng		100
81) 3,3'-Dichlorobenzidine	21.74	252	823067	41.523	ng		99
82) Chrysene	21.87	228	2025344	40.171	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1337396	42.001	ng		98
84) Di-n-octyl phthalate	22.63	149	2264385	40.658	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.80	276	2530094	41.479	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	2269620	41.248	ng	#	97
88) Benzo(k)fluoranthene	23.58	252	2089540	40.147	ng		99
89) Benzo(a)pyrene	24.17	252	2104611	41.007	ng		98
90) Dibenzo(a,h)anthracene	26.80	278	2145379	40.973	ng		100
91) Benzo(g,h,i)perylene	27.58	276	2089852	40.979	ng		97

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

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