Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010070.D
Acq On : 19 May 2017 12:12
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: May 19 12:55:09 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	208027	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	777304	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	520140	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	1263505	20.00	ng		0.00
75) Chrysene-d12	21.52	240	1803122	20.00	ng		0.00
86) Perylene-d12	23.89	264	1955760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1175613	88.44	ng		0.00
7) Phenol-d6	7.17	99	1507995	70.80	ng		0.00
23) Nitrobenzene-d5	9.17	82	1537168	72.27	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	829854	116.58	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	4145630	106.59	ng		0.00
78) Terphenyl-d14	19.96	244	8165625	95.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	272535	55.34	ng	#	100
3) Pyridine	3.87	79	773527	42.62	ng		91
4) n-Nitrosodimethylamine	3.78	42	269569	27.11	ng	#	99
6) Aniline	7.33	93	938223	33.93	ng		98
8) 2-Chlorophenol	7.55	128	628918	43.58	ng		98
9) Benzaldehyde	7.14	77	445950	27.97	ng		96
10) Phenol	7.20	94	795023	34.35	ng		82
11) bis(2-Chloroethyl)ether	7.41	93	592848	32.94	ng		98
12) 1,3-Dichlorobenzene	7.86	146	804685	49.95	ng	#	94
13) 1,4-Dichlorobenzene	8.01	146	823993	49.91	ng		95
14) 1,2-Dichlorobenzene	8.33	146	786297	49.13	ng		96
15) Benzyl Alcohol	8.25	79	598914	32.99	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.50	45	550970	19.29	ng		81
17) 2-Methylphenol	8.44	107	564982	37.39	ng	#	89
18) Hexachloroethane	9.05	117	271149	39.62	ng	#	74
19) n-Nitroso-di-n-propylamine	8.79	70	545663	28.24	ng		90
20) 3+4-Methylphenols	8.77	107	773672	37.61	ng		91
22) Acetophenone	8.82	105	1019981	42.92	ng	#	96
24) Nitrobenzene	9.21	77	792732	35.02	ng		100
25) Isophorone	9.73	82	1288908	35.21	ng		95
26) 2-Nitrophenol	9.91	139	333894	48.99	ng	#	73
27) 2,4-Dimethylphenol	9.97	122	578263	45.33	ng	#	83
28) bis(2-Chloroethoxy)methane	10.20	93	817802	37.08	ng		99
29) 2,4-Dichlorophenol	10.44	162	693711	55.88	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	872784	60.22	ng		97
31) Naphthalene	10.84	128	2120239	49.55	ng		99
32) Benzoic acid	10.12	122	404212	47.36	ng		90
33) 4-Chloroaniline	10.97	127	828718	45.55	ng	#	88
34) Hexachlorobutadiene	11.08	225	588995	59.72	ng		98
35) Caprolactam	11.81	113	201449	41.54	ng	#	76
36) 4-Chloro-3-methylphenol	12.09	107	752727	45.38	ng		88
37) 2-Methylnaphthalene	12.43	142	1537341	50.19	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	1027194	54.26	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	623165	214.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	622459	53.41	ng		98
43) 2,4,5-Trichlorophenol	13.12	196	695665	54.95	ng	#	95
45) 1,1'-Biphenyl	13.45	154	2169841	50.13	ng		99
46) 2-Chloronaphthalene	13.49	162	1763908	51.86	ng		97
47) 2-Nitroaniline	13.73	65	466118	30.27	ng		87
48) Acenaphthylene	14.34	152	2669565	49.84	ng		99
49) Dimethylphthalate	14.07	163	2385442	52.03	ng	#	99
50) 2,6-Dinitrotoluene	14.21	165	474195	51.04	ng		97
51) Acenaphthene	14.67	154	1617774	47.92	ng		98
52) 3-Nitroaniline	14.56	138	431983	43.78	ng	#	74
53) 2,4-Dinitrophenol	14.74	184	270150	62.49	ng	#	82
54) Dibenzofuran	15.01	168	2543229	49.18	ng		98
55) 4-Nitrophenol	14.87	139	351267	53.16	ng	#	60
56) 2,4-Dinitrotoluene	14.99	165	657781	47.86	ng	#	75
57) Fluorene	15.66	166	2246648	49.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	591327	54.06	ng	#	100
59) Diethylphthalate	15.43	149	2265186	47.06	ng		96
60) 4-Chlorophenyl-phenylether	15.65	204	1246632	50.07	ng		96
61) 4-Nitroaniline	15.72	138	436087	43.38	ng	#	52
62) Azobenzene	15.94	77	1708782	29.26	ng		92
64) 4,6-Dinitro-2-methylphenol	15.74	198	412902	54.37	ng		75
65) n-Nitrosodiphenylamine	15.87	169	1959902	49.99	ng		100
66) 4-Bromophenyl-phenylether	16.54	248	831945	55.44	ng		96
67) Hexachlorobenzene	16.63	284	1002571	60.19	ng		97
68) Atrazine	16.82	200	754129	52.63	ng		99
69) Pentachlorophenol	16.99	266	587184	82.87	ng		99
70) Phenanthrene	17.40	178	3613590	49.82	ng		100
71) Anthracene	17.49	178	3635068	49.13	ng		99
72) Carbazole	17.77	167	3210541	48.61	ng		98
73) Di-n-butylphthalate	18.29	149	3862032	46.00	ng		99
74) Fluoranthene	19.40	202	4722730	50.76	ng		99
76) Benzidine	19.60	184	1639583	36.37	ng		98
77) Pyrene	19.76	202	4888349	45.55	ng		100
79) Butylbenzylphthalate	20.64	149	1858766	41.60	ng	#	89
80) Benzo(a)anthracene	21.50	228	5066061	46.76	ng		100
81) 3,3'-Dichlorobenzidine	21.44	252	2060505	51.63	ng	#	98
82) Chrysene	21.55	228	4817139	47.41	ng		99
83) Bis(2-ethylhexyl)phthalate	21.39	149	2788516	41.79	ng	#	96
84) Di-n-octyl phthalate	22.30	149	5048119	44.10	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.33	276	7062216	82.46	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	5945716	44.89	ng	#	94
88) Benzo(k)fluoranthene	23.21	252	5733360	45.56	ng	#	96
89) Benzo(a)pyrene	23.79	252	5645283	48.35	ng	#	97
90) Dibenzo(a,h)anthracene	26.34	278	6261427	60.76	ng	#	93
91) Benzo(g,h,i)perylene	27.09	276	6151844	64.78	ng	#	89

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

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