Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010154.D
Acq On : 23 May 2017 22:59
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 24 05:26:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	141334	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	499334	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	327872	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	836393	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1252016	20.00	ng		-0.02
86) Perylene-d12	23.86	264	1380186	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	611114	78.08	ng		-0.02
7) Phenol-d6	7.15	99	798984	79.34	ng		-0.02
23) Nitrobenzene-d5	9.15	82	850806	91.93	ng		-0.02
41) 2,4,6-Tribromophenol	16.08	330	430600	86.47	ng		-0.02
44) 2-Fluorobiphenyl	13.21	172	2149206	84.27	ng		-0.02
78) Terphenyl-d14	19.93	244	4595896	83.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	144707	40.24	ng	#	100
3) Pyridine	3.85	79	402161	41.78	ng		91
4) n-Nitrosodimethylamine	3.76	42	173262	49.76	ng	#	71
6) Aniline	7.31	93	504527	40.43	ng		95
8) 2-Chlorophenol	7.53	128	334283	39.26	ng		93
9) Benzaldehyde	7.12	77	254436	40.59	ng		88
10) Phenol	7.17	94	426005	40.14	ng		92
11) bis(2-Chloroethyl)ether	7.39	93	303115	38.32	ng		99
12) 1,3-Dichlorobenzene	7.84	146	428500	39.60	ng	#	89
13) 1,4-Dichlorobenzene	7.99	146	438545	39.45	ng		95
14) 1,2-Dichlorobenzene	8.31	146	419111	39.28	ng		97
15) Benzyl Alcohol	8.22	79	316218	41.50	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.48	45	267826	34.43	ng		78
17) 2-Methylphenol	8.42	107	298094	39.47	ng	#	85
18) Hexachloroethane	9.03	117	149609	41.52	ng	#	73
19) n-Nitroso-di-n-propylamine	8.76	70	296967	41.78	ng		96
20) 3+4-Methylphenols	8.75	107	402493	39.46	ng		87
22) Acetophenone	8.79	105	529625	41.38	ng	#	98
24) Nitrobenzene	9.19	77	438262	45.96	ng		99
25) Isophorone	9.69	82	691059	43.21	ng	#	93
26) 2-Nitrophenol	9.89	139	173144	43.08	ng	#	64
27) 2,4-Dimethylphenol	9.94	122	293531	40.45	ng	#	78
28) bis(2-Chloroethoxy)methane	10.17	93	407782	40.18	ng		99
29) 2,4-Dichlorophenol	10.42	162	365749	43.78	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	456957	42.27	ng		96
31) Naphthalene	10.82	128	1064669	39.86	ng		99
32) Benzoic acid	10.08	122	202675	40.98	ng		84
33) 4-Chloroaniline	10.95	127	413419	40.17	ng	#	85
34) Hexachlorobutadiene	11.06	225	326372	45.26	ng		98
35) Caprolactam	11.76	113	99183	41.37	ng	#	76
36) 4-Chloro-3-methylphenol	12.06	107	374535	41.39	ng		88
37) 2-Methylnaphthalene	12.42	142	781079	40.61	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	544477	43.18	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	315750	43.37	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	332976	44.84	ng		94
43) 2,4,5-Trichlorophenol	13.10	196	366683	44.69	ng	#	93
45) 1,1'-Biphenyl	13.42	154	1114052	41.32	ng		99
46) 2-Chloronaphthalene	13.47	162	898507	41.16	ng		97
47) 2-Nitroaniline	13.71	65	259145	46.16	ng	#	81
48) Acenaphthylene	14.32	152	1347635	41.75	ng		100
49) Dimethylphthalate	14.05	163	1213106	41.48	ng	#	99
50) 2,6-Dinitrotoluene	14.19	165	234508	42.23	ng	#	82
51) Acenaphthene	14.65	154	824424	41.08	ng		98
52) 3-Nitroaniline	14.53	138	210127	40.71	ng	#	70
53) 2,4-Dinitrophenol	14.72	184	139625	41.18	ng	#	85
54) Dibenzofuran	14.99	168	1294822	41.03	ng		95
55) 4-Nitrophenol	14.84	139	168171	40.49	ng	#	36
56) 2,4-Dinitrotoluene	14.97	165	332625	42.34	ng	#	83
57) Fluorene	15.63	166	1161361	42.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.21	232	316592	45.30	ng	#	100
59) Diethylphthalate	15.40	149	1158847	41.91	ng		97
60) 4-Chlorophenyl-phenylether	15.62	204	645497	41.90	ng		99
61) 4-Nitroaniline	15.70	138	211060	40.28	ng	#	29
62) Azobenzene	15.92	77	980748	48.24	ng		90
64) 4,6-Dinitro-2-methylphenol	15.72	198	220080	43.07	ng		80
65) n-Nitrosodiphenylamine	15.85	169	1030585	41.11	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	437747	40.88	ng		97
67) Hexachlorobenzene	16.62	284	509953	39.20	ng		95
68) Atrazine	16.79	200	403155	42.42	ng		98
69) Pentachlorophenol	16.97	266	305046	42.69	ng		98
70) Phenanthrene	17.37	178	1885726	40.30	ng		99
71) Anthracene	17.47	178	1920743	41.36	ng		99
72) Carbazole	17.75	167	1665565	40.51	ng		98
73) Di-n-butylphthalate	18.27	149	2011315	41.26	ng	#	97
74) Fluoranthene	19.38	202	2484663	40.89	ng		97
76) Benzidine	19.59	184	953768	41.30	ng		98
77) Pyrene	19.74	202	2676585	39.87	ng		100
79) Butylbenzylphthalate	20.62	149	984378	39.62	ng	#	82
80) Benzo(a)anthracene	21.47	228	2799372	40.57	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	1117495	40.26	ng	#	97
82) Chrysene	21.53	228	2678991	40.94	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1479123	39.80	ng	#	97
84) Di-n-octyl phthalate	22.27	149	2704169	40.65	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.27	276	4103708	42.76	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	3260139	40.36	ng	#	93
88) Benzo(k)fluoranthene	23.19	252	3217574	40.66	ng	#	95
89) Benzo(a)pyrene	23.75	252	3110580	40.41	ng	#	97
90) Dibenzo(a,h)anthracene	26.29	278	3605504	41.89	ng	#	92
91) Benzo(g,h,i)perylene	27.03	276	3510677	41.63	ng	#	87

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

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