Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
Data File : BM011119.D
Acq On : 04 Aug 2017 16:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 05 03:53:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	188269	20.00	ng		-0.07
21) Naphthalene-d8	10.08	136	869199	20.00	ng		-0.07
38) Acenaphthene-d10	13.99	164	727198	20.00	ng		-0.06
63) Phenanthrene-d10	16.74	188	2028884	20.00	ng		-0.06
75) Chrysene-d12	20.97	240	2268702	20.00	ng		-0.05
86) Perylene-d12	23.06	264	2123665	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	845497	75.92	ng		-0.07
7) Phenol-d6	6.52	99	1189160	75.15	ng		-0.07
23) Nitrobenzene-d5	8.47	82	1725160	74.49	ng		-0.07
41) 2,4,6-Tribromophenol	15.49	330	1034730	88.78	ng		-0.06
44) 2-Fluorobiphenyl	12.59	172	4397873	75.85	ng		-0.07
78) Terphenyl-d14	19.42	244	8661706	75.63	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	213739	42.743	ng	#	100
3) Pyridine	3.33	79	534355	39.122	ng		86
4) n-Nitrosodimethylamine	3.25	42	277282	39.836	ng	#	74
6) Aniline	6.67	93	781115	39.166	ng		90
8) 2-Chlorophenol	6.89	128	451145	39.899	ng	#	75
9) Benzaldehyde	6.48	77	413961	40.432	ng	#	73
10) Phenol	6.55	94	643744	37.454	ng		99
11) bis(2-Chloroethyl)ether	6.77	93	520982	38.903	ng		87
12) 1,3-Dichlorobenzene	7.21	146	560755	40.692	ng	#	76
13) 1,4-Dichlorobenzene	7.36	146	560493	39.680	ng	#	91
14) 1,2-Dichlorobenzene	7.66	146	574229	42.519	ng	#	85
15) Benzyl Alcohol	7.57	79	616605	40.619	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.85	45	582859	48.367	ng		78
17) 2-Methylphenol	7.77	107	462789	42.130	ng	#	74
18) Hexachloroethane	8.37	117	285663	46.374	ng	#	77
19) n-Nitroso-di-n-propylamine	8.13	70	709284	52.747	ng	#	93
20) 3+4-Methylphenols	8.10	107	623917	40.860	ng	#	82
22) Acetophenone	8.14	105	989339	37.971	ng	#	93
24) Nitrobenzene	8.51	77	905996	37.752	ng	#	84
25) Isophorone	9.03	82	1873535	48.520	ng	#	85
26) 2-Nitrophenol	9.21	139	277377	36.325	ng	#	10
27) 2,4-Dimethylphenol	9.29	122	524528	39.021	ng	#	66
28) bis(2-Chloroethoxy)methane	9.52	93	858739	39.874	ng		97
29) 2,4-Dichlorophenol	9.74	162	570615	37.776	ng		94
30) 1,2,4-Trichlorobenzene	9.95	180	751231	40.223	ng		99
31) Naphthalene	10.13	128	1765262	40.371	ng		99
32) Benzoic acid	9.45	122	390792	36.168	ng	#	60
33) 4-Chloroaniline	10.26	127	427209	24.491	ng	#	67
34) Hexachlorobutadiene	10.42	225	651208	44.269	ng		94
35) Caprolactam	11.06	113	216795	50.610	ng		87
36) 4-Chloro-3-methylphenol	11.39	107	864184	44.307	ng	#	70
37) 2-Methylnaphthalene	11.76	142	1267404	39.456	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.14	216	1149318	36.787	ng	#	100
40) Hexachlorocyclopentadiene	12.12	237	333265	18.306	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	734040	38.817	ng		93
43) 2,4,5-Trichlorophenol	12.46	196	745393	38.271	ng	#	87
45) 1,1'-Biphenyl	12.80	154	2343490	37.270	ng		96
46) 2-Chloronaphthalene	12.84	162	1704493	36.791	ng		92
47) 2-Nitroaniline	13.06	65	568661	34.696	ng	#	61
48) Acenaphthylene	13.70	152	2771303	40.082	ng		99
49) Dimethylphthalate	13.47	163	2570296	41.317	ng	#	99
50) 2,6-Dinitrotoluene	13.58	165	538035	42.770	ng	#	52
51) Acenaphthene	14.05	154	1725164	40.298	ng		97
52) 3-Nitroaniline	13.91	138	304013	27.849	ng	#	34
53) 2,4-Dinitrophenol	14.12	184	333245	37.274	ng	#	79
54) Dibenzofuran	14.39	168	2751176	39.661	ng	#	91
55) 4-Nitrophenol	14.24	139	190535	19.866	ng	#	86
56) 2,4-Dinitrotoluene	14.37	165	755392	42.774	ng		84
57) Fluorene	15.05	166	2573669	42.614	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.63	232	793191	43.449	ng	#	100
59) Diethylphthalate	14.85	149	2789099	43.901	ng		98
60) 4-Chlorophenyl-phenylether	15.05	204	1524676	41.813	ng		96
61) 4-Nitroaniline	15.09	138	88671	7.647	ng	#	1
62) Azobenzene	15.35	77	3066338	45.097	ng		87
64) 4,6-Dinitro-2-methylphenol	15.15	198	576706	41.987	ng		96
65) n-Nitrosodiphenylamine	15.27	169	2131264	36.706	ng		99
66) 4-Bromophenyl-phenylether	15.95	248	1029922	39.488	ng	#	91
67) Hexachlorobenzene	16.05	284	1209719	41.045	ng	#	85
68) Atrazine	16.24	200	987484	42.439	ng		98
69) Pentachlorophenol	16.40	266	758431	40.533	ng		98
70) Phenanthrene	16.79	178	4314803	40.615	ng		99
71) Anthracene	16.88	178	4128075	38.962	ng		99
72) Carbazole	17.16	167	2392478	25.821	ng		98
73) Di-n-butylphthalate	17.74	149	5035455	44.626	ng	#	97
74) Fluoranthene	18.82	202	5719190	43.441	ng		99
76) Benzidine	19.05	184	176897	3.259	ng		96
77) Pyrene	19.19	202	6025039	44.695	ng		100
79) Butylbenzylphthalate	20.13	149	2366437	49.367	ng	#	65
80) Benzo(a)anthracene	20.96	228	5128253	39.588	ng		100
81) 3,3'-Dichlorobenzidine	20.90	252	1294776	25.478	ng	#	98
82) Chrysene	21.01	228	5024013	40.403	ng		99
83) Bis(2-ethylhexyl)phthalate	20.92	149	3380418	47.936	ng	#	98
84) Di-n-octyl phthalate	21.77	149	5730208	50.066	ng		98
85) Indeno(1,2,3-cd)pyrene	25.10	276	4954091	38.469	ng	#	96
87) Benzo(b)fluoranthene	22.44	252	5372587	39.417	ng	#	92
88) Benzo(k)fluoranthene	22.49	252	5086878	38.939	ng	#	95
89) Benzo(a)pyrene	22.97	252	4719863	38.269	ng	#	95
90) Dibenzo(a,h)anthracene	25.11	278	3663684	32.044	ng	#	91
91) Benzo(g,h,i)perylene	25.73	276	4406081	39.245	ng	#	84

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

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