Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018536.D
Acq On : 11 Jan 2019 14:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/14/2019 4:43:02 PM

Quant Time: Jan 11 23:49:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	512211	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	2115290	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	1262764	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2967577	20.00	ng		0.00
76) Chrysene-d12	21.35	240	3075149	20.00	ng		0.00
87) Perylene-d12	23.63	264	2800548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	2363454	85.20	ng		0.00
7) Phenol-d6	6.93	99	3177269	90.18	ng		0.00
23) Nitrobenzene-d5	8.93	82	3158126	86.55	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1625291	101.08	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	8196975	84.70	ng		0.00
79) Terphenyl-d14	19.79	244	12178441	83.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	425948	37.675	ng		95
3) Pyridine	3.68	79	1197065	42.468	ng		97
4) n-Nitrosodimethylamine	3.60	42	493969	42.379	ng	#	94
6) Aniline	7.10	93	1872386	47.641	ng		99
8) 2-Chlorophenol	7.33	128	1446438	44.646	ng		94
9) Benzaldehyde	6.92	77	862557	43.688	ng		98
10) Phenol	6.96	94	1592516	44.481	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	1235316	43.912	ng		95
12) 1,3-Dichlorobenzene	7.65	146	1633992	42.350	ng		98
13) 1,4-Dichlorobenzene	7.79	146	1668671	42.671	ng		99
14) 1,2-Dichlorobenzene	8.11	146	1600816	43.171	ng		99
15) Benzyl Alcohol	8.00	79	1239103	48.693	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.28	45	1561335	43.430	ng		95
17) 2-Methylphenol	8.20	107	1135013	46.704	ng		99
18) Hexachloroethane	8.83	117	596505	42.781	ng		94
19) n-Nitroso-di-n-propylamine	8.57	70	1071750	46.743	ng		93
20) 3+4-Methylphenols	8.53	107	1607243	47.908	ng		99
22) Acetophenone	8.59	105	2249941	42.998	ng		98
24) Nitrobenzene	8.97	77	1545114	43.036	ng		96
25) Isophorone	9.49	82	2608226	47.204	ng		98
26) 2-Nitrophenol	9.67	139	892412	51.406	ng		95
27) 2,4-Dimethylphenol	9.73	122	1183151	45.469	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	1681322	44.048	ng		100
29) 2,4-Dichlorophenol	10.20	162	1481811	47.824	ng		98
30) 1,2,4-Trichlorobenzene	10.41	180	1649446	42.889	ng		99
31) Naphthalene	10.60	128	4396816	43.160	ng		99
32) Benzoic acid	9.89	122	903660m	51.095	ng		
33) 4-Chloroaniline	10.72	127	2014980	50.224	ng		98
34) Hexachlorobutadiene	10.87	225	1054561	43.404	ng		98
35) Caprolactam	11.54	113	551455	52.348	ng	#	86
36) 4-Chloro-3-methylphenol	11.85	107	1602549	49.299	ng		98
37) 2-Methylnaphthalene	12.22	142	3207976	44.570	ng		100
38) 1-Methylnaphthalene	12.44	142	3119805	44.797	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	1884238	42.670	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1008973	41.632	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	1282385	47.822	ng		98
44) 2,4,5-Trichlorophenol	12.91	196	1375249	48.764	ng		97
46) 1,1'-Biphenyl	13.24	154	4695319	42.585	ng		98
47) 2-Chloronaphthalene	13.28	162	3646132	42.644	ng		100
48) 2-Nitroaniline	13.50	65	1021617	48.567	ng		91
49) Acenaphthylene	14.13	152	5509095	44.214	ng		99
50) Dimethylphthalate	13.87	163	4632093	44.665	ng		99
51) 2,6-Dinitrotoluene	14.00	165	1052769	47.924	ng		90
52) Acenaphthene	14.47	154	3323169	43.589	ng		98
53) 3-Nitroaniline	14.33	138	1126129	50.848	ng		94
54) 2,4-Dinitrophenol	14.53	184	520789	47.052	ng		91
55) Dibenzofuran	14.81	168	5459680	43.342	ng		99
56) 4-Nitrophenol	14.64	139	925867	48.392	ng		94
57) 2,4-Dinitrotoluene	14.79	165	1482286	47.690	ng		98
58) Fluorene	15.46	166	4175735	44.500	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1226188	49.052	ng		97
60) Diethylphthalate	15.23	149	4807315	45.918	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	2393721	44.260	ng		99
62) 4-Nitroaniline	15.50	138	1128166	46.702	ng		99
63) Azobenzene	15.74	77	3858274	45.201	ng		97
65) 4,6-Dinitro-2-methylphenol	15.54	198	721358	39.245	ng		87
66) n-Nitrosodiphenylamine	15.67	169	4068286	44.195	ng		99
67) 4-Bromophenyl-phenylether	16.35	248	1486723	44.769	ng		97
68) Hexachlorobenzene	16.45	284	1629078	43.819	ng		99
69) Atrazine	16.63	200	1554099	46.700	ng		98
70) Pentachlorophenol	16.80	266	1165287	47.860	ng		100
71) Phenanthrene	17.20	178	6809022	43.137	ng		100
72) Anthracene	17.29	178	6770105	44.603	ng		99
73) Carbazole	17.57	167	7026641	45.059	ng		100
74) Di-n-butylphthalate	18.12	149	8308756	48.642	ng		99
75) Fluoranthene	19.22	202	8065493	44.320	ng		97
77) Benzidine	19.42	184	3380905	44.527	ng		100
78) Pyrene	19.59	202	8443183	46.320	ng		99
80) Butylbenzylphthalate	20.49	149	3959053	50.900	ng		95
81) Benzo(a)anthracene	21.33	228	8015950	44.247	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	3143577	45.888	ng		99
83) Chrysene	21.39	228	7639459	43.669	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	5598042	49.842	ng		98
85) Di-n-octyl phthalate	22.15	149	9271709	49.081	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	7062603	35.011	ng		96
88) Benzo(b)fluoranthene	22.94	252	7305766	45.950	ng		98
89) Benzo(k)fluoranthene	22.99	252	7219148	45.055	ng		98
90) Benzo(a)pyrene	23.54	252	6762294	44.426	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	5991246	38.846	ng		99
92) Benzo(g,h,i)perylene	26.67	276	5648876	37.638	ng		98

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

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