Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018756.D
Acq On : 11 Feb 2019 13:57
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
2/12/2019 12:11:39 PM

Quant Time: Feb 11 14:49:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:13:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	301048	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1212175	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	708109	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1634923	20.00	ng		0.00
76) Chrysene-d12	21.31	240	1905826	20.00	ng		0.00
87) Perylene-d12	23.57	264	1984471	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1830276	112.26	ng		0.00
7) Phenol-d6	6.89	99	2597775	125.45	ng		0.00
23) Nitrobenzene-d5	8.89	82	2717378	129.96	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	1094465	121.39	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	5364952	98.86	ng		0.00
79) Terphenyl-d14	19.75	244	9435056	104.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	389894	58.675	ng		100
3) Pyridine	3.65	79	1180056	71.229	ng		97
4) n-Nitrosodimethylamine	3.58	42	289158	42.209	ng		97
6) Aniline	7.06	93	1591876	68.914	ng		100
8) 2-Chlorophenol	7.28	128	1002358	52.641	ng		97
9) Benzaldehyde	6.88	77	657567	56.760	ng		99
10) Phenol	6.92	94	1360955	64.677	ng		99
11) bis(2-Chloroethyl)ether	7.15	93	1039659	62.880	ng		97
12) 1,3-Dichlorobenzene	7.60	146	1114567	49.150	ng		99
13) 1,4-Dichlorobenzene	7.75	146	1132751	49.285	ng		99
14) 1,2-Dichlorobenzene	8.06	146	1086983	49.876	ng		99
15) Benzyl Alcohol	7.96	79	1051511	70.305	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	963133	45.582	ng		100
17) 2-Methylphenol	8.16	107	863301	60.440	ng		98
18) Hexachloroethane	8.78	117	420773	51.345	ng		100
19) n-Nitroso-di-n-propylamine	8.53	70	1009715	74.927	ng		99
20) 3+4-Methylphenols	8.49	107	1202174	60.968	ng		99
22) Acetophenone	8.55	105	1701029	56.727	ng	#	100
24) Nitrobenzene	8.93	77	1379020	67.027	ng		99
25) Isophorone	9.45	82	2189107	69.136	ng		100
26) 2-Nitrophenol	9.63	139	578702	58.171	ng		99
27) 2,4-Dimethylphenol	9.69	122	812660	54.500	ng		98
28) bis(2-Chloroethoxy)methane	9.93	93	1382431	63.200	ng		100
29) 2,4-Dichlorophenol	10.16	162	951867	53.609	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	1059528	48.075	ng		97
31) Naphthalene	10.56	128	2962460	50.746	ng		100
32) Benzoic acid	9.86	122	741936m	81.649	ng		
33) 4-Chloroaniline	10.67	127	1377828	59.929	ng		99
34) Hexachlorobutadiene	10.82	225	616308	44.265	ng		100
35) Caprolactam	11.50	113	397669m	65.874	ng		
36) 4-Chloro-3-methylphenol	11.80	107	1153720	61.934	ng		99
37) 2-Methylnaphthalene	12.17	142	2096507	50.829	ng		99
38) 1-Methylnaphthalene	12.39	142	2046741	51.285	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1150483	46.461	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	611418	44.989	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	792967	52.734	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	830862	52.537	ng	99
46) 1,1'-Biphenyl	13.19	154	3057590	49.453	ng	100
47) 2-Chloronaphthalene	13.24	162	2367156	49.372	ng	100
48) 2-Nitroaniline	13.46	65	851682	72.203	ng	100
49) Acenaphthylene	14.09	152	3582318	51.270	ng	99
50) Dimethylphthalate	13.83	163	2985213	51.332	ng	99
51) 2,6-Dinitrotoluene	13.96	165	674117	54.723	ng	98
52) Acenaphthene	14.43	154	2162316	50.578	ng	100
53) 3-Nitroaniline	14.29	138	753945	60.708	ng	98
54) 2,4-Dinitrophenol	14.50	184	383950	68.482	ng	98
55) Dibenzofuran	14.77	168	3521023	49.846	ng	100
56) 4-Nitrophenol	14.60	139	613431	57.176	ng	99
57) 2,4-Dinitrotoluene	14.75	165	959824	55.069	ng	98
58) Fluorene	15.42	166	2749745	52.256	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	729871	52.068	ng	99
60) Diethylphthalate	15.20	149	3121814	53.175	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1549624	51.096	ng	95
62) 4-Nitroaniline	15.46	138	752281	55.535	ng	99
63) Azobenzene	15.70	77	3400706	71.047	ng	100
65) 4,6-Dinitro-2-methylphenol	15.51	198	604163	62.617	ng	95
66) n-Nitrosodiphenylamine	15.63	169	2623793	51.736	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	931421	50.909	ng	99
68) Hexachlorobenzene	16.41	284	1074317	52.452	ng	98
69) Atrazine	16.59	200	796598	43.449	ng	99
70) Pentachlorophenol	16.76	266	747373	55.716	ng	99
71) Phenanthrene	17.16	178	4435569	51.006	ng	100
72) Anthracene	17.25	178	4404311	52.669	ng	100
73) Carbazole	17.53	167	4620370	53.780	ng	100
74) Di-n-butylphthalate	18.08	149	5471181	58.138	ng	100
75) Fluoranthene	19.18	202	5276858	52.632	ng	99
77) Benzidine	19.37	184	2092349	44.464	ng	100
78) Pyrene	19.54	202	5606752	49.631	ng	99
80) Butylbenzylphthalate	20.44	149	2692715	55.860	ng	99
81) Benzo(a)anthracene	21.29	228	5648452	50.309	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	2263167	53.306	ng	100
83) Chrysene	21.34	228	5390776	49.722	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	3968725	57.016	ng	99
85) Di-n-octyl phthalate	22.10	149	6682082	57.076	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	6533226	52.258	ng	100
88) Benzo(b)fluoranthene	22.89	252	5719001	50.762	ng	99
89) Benzo(k)fluoranthene	22.94	252	5827423	51.325	ng	100
90) Benzo(a)pyrene	23.47	252	5526495	51.238	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	5595941	51.204	ng	99
92) Benzo(g,h,i)perylene	26.57	276	5090499	47.865	ng	99

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

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