Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019094.D
Acq On : 11 Mar 2019 15:21
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
3/12/2019 4:45:06 PM

Quant Time: Mar 11 16:20:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 15:57:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	199655	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	926865	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	546165	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1228880	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1350545	20.00	ng		0.00
87) Perylene-d12	23.51	264	1337916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1252746	102.81	ng		0.00
7) Phenol-d6	6.85	99	1884331	109.77	ng		0.00
23) Nitrobenzene-d5	8.84	82	2034544	101.50	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	865365	109.92	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4285621	104.16	ng		0.00
79) Terphenyl-d14	19.71	244	6921341	105.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	265654	50.054	ng		99
3) Pyridine	3.62	79	732953	50.630	ng		100
4) n-Nitrosodimethylamine	3.54	42	233208	63.323	ng		94
6) Aniline	7.01	93	1218751	57.945	ng		100
8) 2-Chlorophenol	7.23	128	765352	57.207	ng		99
9) Benzaldehyde	6.83	77	540373	57.512	ng		99
10) Phenol	6.87	94	1019377	56.437	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	767940	55.735	ng		99
12) 1,3-Dichlorobenzene	7.55	146	789910	52.508	ng		100
13) 1,4-Dichlorobenzene	7.70	146	804344	52.520	ng		99
14) 1,2-Dichlorobenzene	8.01	146	784862	53.353	ng		99
15) Benzyl Alcohol	7.92	79	790117	57.926	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	764638	57.339	ng		99
17) 2-Methylphenol	8.11	107	660244	57.432	ng		100
18) Hexachloroethane	8.72	117	304227	54.417	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	773551	58.199	ng		99
20) 3+4-Methylphenols	8.44	107	911514	57.420	ng		99
22) Acetophenone	8.50	105	1322761	51.968	ng	#	99
24) Nitrobenzene	8.88	77	1050961	50.510	ng		98
25) Isophorone	9.40	82	1945434	60.825	ng		100
26) 2-Nitrophenol	9.58	139	457074	55.161	ng		99
27) 2,4-Dimethylphenol	9.63	122	655777	54.186	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	1143025	55.264	ng		99
29) 2,4-Dichlorophenol	10.10	162	745165	53.623	ng		100
30) 1,2,4-Trichlorobenzene	10.31	180	793326	49.433	ng		99
31) Naphthalene	10.50	128	2460450	54.430	ng		99
32) Benzoic acid	9.82	122	573160m	54.292	ng		
33) 4-Chloroaniline	10.63	127	1057971	52.357	ng		99
34) Hexachlorobutadiene	10.76	225	456057	48.959	ng		99
35) Caprolactam	11.46	113	271944m	47.951	ng		
36) 4-Chloro-3-methylphenol	11.76	107	902358	53.858	ng		99
37) 2-Methylnaphthalene	12.12	142	1801551	56.606	ng		100
38) 1-Methylnaphthalene	12.35	142	1782590	57.277	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	884766	50.641	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	422498	47.299 ng	97
43) 2,4,6-Trichlorophenol	12.74	196	595402	51.479 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	644934	53.200 ng	99
46) 1,1'-Biphenyl	13.15	154	2434229	51.778 ng	100
47) 2-Chloronaphthalene	13.19	162	1819794	50.116 ng	100
48) 2-Nitroaniline	13.42	65	655958	54.392 ng	98
49) Acenaphthylene	14.04	152	3102135	57.374 ng	99
50) Dimethylphthalate	13.79	163	2378293	52.250 ng	99
51) 2,6-Dinitrotoluene	13.92	165	536204	54.382 ng	96
52) Acenaphthene	14.39	154	1757690	53.016 ng	99
53) 3-Nitroaniline	14.26	138	564891	50.705 ng	94
54) 2,4-Dinitrophenol	14.46	184	324991	59.651 ng	98
55) Dibenzofuran	14.72	168	2820743	51.763 ng	100
56) 4-Nitrophenol	14.56	139	467877	52.609 ng	99
57) 2,4-Dinitrotoluene	14.71	165	760351	55.969 ng	99
58) Fluorene	15.37	166	2375199	56.974 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	581870	54.302 ng	99
60) Diethylphthalate	15.16	149	2430455	51.763 ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	1151158	49.249 ng	99
62) 4-Nitroaniline	15.43	138	572822	52.447 ng	99
63) Azobenzene	15.66	77	2606406	51.772 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	423341	49.065 ng	97
66) n-Nitrosodiphenylamine	15.59	169	2007466	51.705 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	699268	50.837 ng	97
68) Hexachlorobenzene	16.37	284	820821	51.339 ng	98
69) Atrazine	16.55	200	684233	54.665 ng	99
70) Pentachlorophenol	16.72	266	508390	49.384 ng	98
71) Phenanthrene	17.12	178	3631849	54.993 ng	99
72) Anthracene	17.21	178	3648172	56.754 ng	99
73) Carbazole	17.49	167	3455742	51.457 ng	99
74) Di-n-butylphthalate	18.04	149	4229178	54.756 ng	100
75) Fluoranthene	19.14	202	4252567	55.745 ng	100
77) Benzidine	19.34	184	2158203	70.956 ng	100
78) Pyrene	19.50	202	4371558	55.732 ng	100
80) Butylbenzylphthalate	20.41	149	2008753	56.193 ng	99
81) Benzo(a)anthracene	21.26	228	4335103	55.066 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	1714255	55.097 ng	99
83) Chrysene	21.31	228	4139407	54.857 ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2894589	55.324 ng	99
85) Di-n-octyl phthalate	22.06	149	4917151	55.918 ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	4454300	51.129 ng	100
88) Benzo(b)fluoranthene	22.84	252	4515199	58.986 ng	99
89) Benzo(k)fluoranthene	22.89	252	3995381	52.428 ng	99
90) Benzo(a)pyrene	23.41	252	4010089	55.300 ng	99
91) Dibenzo(a,h)anthracene	25.80	278	3767402	52.439 ng	99
92) Benzo(g,h,i)perylene	26.48	276	3375506	50.468 ng	99

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

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