Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020631.D
Acq On : 31 May 2019 14:49
Operator : JU/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:44 AM

Quant Time: May 31 15:49:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 13:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	242211	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1126009	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	664399	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1440356	20.00	ng		0.00
76) Chrysene-d12	21.40	240	1087816	20.00	ng		0.00
87) Perylene-d12	23.69	264	1019610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2785402	204.58	ng		0.00
7) Phenol-d6	7.00	99	4127868	212.48	ng		0.01
23) Nitrobenzene-d5	9.01	82	4457517	213.56	ng		0.01
42) 2,4,6-Tribromophenol	15.97	330	1832825	218.63	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	9840242	193.02	ng		0.01
79) Terphenyl-d14	19.84	244	12507966	200.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	560745	100.015	ng		98
3) Pyridine	3.75	79	1807840	106.082	ng		100
4) n-Nitrosodimethylamine	3.67	42	812376	112.282	ng		98
6) Aniline	7.18	93	2963086	105.491	ng		99
8) 2-Chlorophenol	7.40	128	1733603	103.878	ng		100
9) Benzaldehyde	6.99	77	818850	72.310	ng		97
10) Phenol	7.03	94	2224706	106.250	ng		100
11) bis(2-Chloroethyl)ether	7.27	93	1760321	105.781	ng		98
12) 1,3-Dichlorobenzene	7.73	146	1972049	100.389	ng		98
13) 1,4-Dichlorobenzene	7.87	146	2011424	101.104	ng		99
14) 1,2-Dichlorobenzene	8.19	146	1944919	100.889	ng		99
15) Benzyl Alcohol	8.08	79	1838436	108.263	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.37	45	2620823	106.093	ng		100
17) 2-Methylphenol	8.27	107	1550889	106.545	ng		100
18) Hexachloroethane	8.91	117	781218	103.854	ng		97
19) n-Nitroso-di-n-propylamine	8.66	70	1601784	106.676	ng		99
20) 3+4-Methylphenols	8.61	107	2129562	107.405	ng		98
22) Acetophenone	8.66	105	2834778	100.000	ng	#	98
24) Nitrobenzene	9.05	77	2268412	105.950	ng		99
25) Isophorone	9.57	82	4338460	102.279	ng		99
26) 2-Nitrophenol	9.75	139	955561	120.831	ng		98
27) 2,4-Dimethylphenol	9.80	122	1565968	100.939	ng		98
28) bis(2-Chloroethoxy)methane	10.05	93	2605679	102.181	ng		99
29) 2,4-Dichlorophenol	10.27	162	1791588	103.306	ng		98
30) 1,2,4-Trichlorobenzene	10.49	180	2024401	98.921	ng		100
31) Naphthalene	10.68	128	5771999	99.654	ng		99
33) 4-Chloroaniline	10.80	127	2706874	102.176	ng		99
34) Hexachlorobutadiene	10.96	225	1225583	97.184	ng		99
35) Caprolactam	11.63	113	629891m	108.548	ng		
36) 4-Chloro-3-methylphenol	11.92	107	2031013	106.045	ng		99
37) 2-Methylnaphthalene	12.29	142	4259418	100.322	ng		100
38) 1-Methylnaphthalene	12.52	142	4059448	100.807	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	2290761	99.520	ng		99
41) Hexachlorocyclopentadiene	12.63	237	1402334	103.104	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.90	196	1473709	104.518	ng		98
44) 2,4,5-Trichlorophenol	12.97	196	1515596	105.659	ng		97
46) 1,1'-Biphenyl	13.31	154	5500551	97.809	ng		99
47) 2-Chloronaphthalene	13.35	162	4492630	99.243	ng		100
48) 2-Nitroaniline	13.56	65	1527045	126.980	ng		94
49) Acenaphthylene	14.20	152	6962413	99.137	ng		100
50) Dimethylphthalate	13.95	163	5656867	99.894	ng		99
51) 2,6-Dinitrotoluene	14.06	165	1218942	112.030	ng		96
52) Acenaphthene	14.54	154	4166988	99.555	ng		99
53) 3-Nitroaniline	14.40	138	1357073	113.861	ng		96
55) Dibenzofuran	14.88	168	6510450	100.321	ng		99
56) 4-Nitrophenol	14.69	139	1027284	116.070	ng		97
57) 2,4-Dinitrotoluene	14.85	165	1695479	118.550	ng		97
58) Fluorene	15.53	166	5311784	99.898	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.10	232	1350483	107.554	ng		97
60) Diethylphthalate	15.31	149	5851086	100.988	ng		98
61) 4-Chlorophenyl-phenylether	15.52	204	2953859	103.640	ng		92
62) 4-Nitroaniline	15.57	138	1451722	114.897	ng		95
63) Azobenzene	15.82	77	5499848	101.356	ng		98
65) 4,6-Dinitro-2-methylphenol	15.61	198	759729	153.623	ng		98
66) n-Nitrosodiphenylamine	15.74	169	4664707	100.938	ng		99
67) 4-Bromophenyl-phenylether	16.42	248	1810169	102.476	ng		94
68) Hexachlorobenzene	16.52	284	2099361	103.766	ng		96
69) Atrazine	16.69	200	1023800	70.169	ng		100
70) Pentachlorophenol	16.86	266	1042577	111.891	ng		99
71) Phenanthrene	17.26	178	8171490	100.680	ng		99
72) Anthracene	17.36	178	8192499	100.610	ng		99
73) Carbazole	17.63	167	7338530	99.234	ng		99
74) Di-n-butylphthalate	18.19	149	9478250	98.523	ng		99
75) Fluoranthene	19.27	202	9011591	97.847	ng		98
77) Benzidine	19.46	184	2709538	75.832	ng		100
78) Pyrene	19.64	202	8953967	111.684	ng		98
80) Butylbenzylphthalate	20.54	149	3767778	112.311	ng		96
81) Benzo(a)anthracene	21.39	228	7725066	102.413	ng		99
82) 3,3'-Dichlorobenzidine	21.32	252	2765710	96.696	ng		98
83) Chrysene	21.44	228	7280941	101.427	ng		98
84) Bis(2-ethylhexyl)phthalate	21.32	149	5183720	105.267	ng	#	97
85) Di-n-octyl phthalate	22.22	149	8229314	99.812	ng		100
86) Indeno(1,2,3-cd)pyrene	26.04	276	7637732	91.148	ng		99
88) Benzo(b)fluoranthene	23.01	252	6872304	103.772	ng		99
89) Benzo(k)fluoranthene	23.06	252	6822953	107.587	ng		99
90) Benzo(a)pyrene	23.60	252	6359478	104.485	ng		99
91) Dibenzo(a,h)anthracene	26.06	278	6335368	103.025	ng		99
92) Benzo(g,h,i)perylene	26.76	276	5898722	101.855	ng		99

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

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