Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020630.D
Acq On : 31 May 2019 14:12
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:38 AM

Quant Time: May 31 15:48:51 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	262810	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1182693	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	648267	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1305568	20.00	ng		0.00
76) Chrysene-d12	21.40	240	1079848	20.00	ng		0.00
87) Perylene-d12	23.69	264	1136707	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2401531	162.56	ng		0.00
7) Phenol-d6	7.00	99	3502438	166.16	ng		0.01
23) Nitrobenzene-d5	9.00	82	3743076	170.73	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	1299107	158.82	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	8030751	161.45	ng		0.00
79) Terphenyl-d14	19.84	244	10164801	164.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	492943	81.030	ng		98
3) Pyridine	3.75	79	1558161	84.265	ng		98
4) n-Nitrosodimethylamine	3.67	42	711240	90.598	ng		99
6) Aniline	7.17	93	2499572	82.014	ng		99
8) 2-Chlorophenol	7.40	128	1478802	81.665	ng		100
9) Benzaldehyde	6.99	77	792216	64.475	ng		98
10) Phenol	7.03	94	1882530	82.861	ng		100
11) bis(2-Chloroethyl)ether	7.27	93	1495923	82.847	ng		100
12) 1,3-Dichlorobenzene	7.73	146	1711943	80.318	ng		99
13) 1,4-Dichlorobenzene	7.87	146	1738108	80.518	ng		99
14) 1,2-Dichlorobenzene	8.19	146	1681497	80.388	ng		100
15) Benzyl Alcohol	8.08	79	1534614	83.288	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.37	45	2243915	83.715	ng		100
17) 2-Methylphenol	8.27	107	1305467	82.655	ng		99
18) Hexachloroethane	8.91	117	673469	82.513	ng		99
19) n-Nitroso-di-n-propylamine	8.66	70	1331249	81.709	ng		99
20) 3+4-Methylphenols	8.61	107	1777282	82.612	ng		99
22) Acetophenone	8.66	105	2375457	79.780	ng	#	98
24) Nitrobenzene	9.05	77	1897729	84.388	ng		100
25) Isophorone	9.57	82	3545987	79.590	ng		99
26) 2-Nitrophenol	9.75	139	779679	93.865	ng		97
27) 2,4-Dimethylphenol	9.80	122	1291347	79.248	ng		100
28) bis(2-Chloroethoxy)methane	10.05	93	2157726	80.559	ng		99
29) 2,4-Dichlorophenol	10.27	162	1466113	80.487	ng		99
30) 1,2,4-Trichlorobenzene	10.49	180	1704462	79.296	ng		99
31) Naphthalene	10.68	128	4865004	79.969	ng		99
33) 4-Chloroaniline	10.79	127	2202251	79.144	ng		99
34) Hexachlorobutadiene	10.96	225	1032423	77.943	ng		99
35) Caprolactam	11.62	113	467601m	76.719	ng		
36) 4-Chloro-3-methylphenol	11.92	107	1611369	80.102	ng		99
37) 2-Methylnaphthalene	12.29	142	3515651	78.835	ng		100
38) 1-Methylnaphthalene	12.52	142	3304210	78.119	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	1839980	81.926	ng		100
41) Hexachlorocyclopentadiene	12.63	237	1163201	87.650	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.90	196	1156195	84.040	ng		98
44) 2,4,5-Trichlorophenol	12.97	196	1179581	84.280	ng		98
46) 1,1'-Biphenyl	13.31	154	4446326	81.031	ng		99
47) 2-Chloronaphthalene	13.35	162	3582851	81.115	ng		100
48) 2-Nitroaniline	13.56	65	1151060	98.097	ng		95
49) Acenaphthylene	14.20	152	5442450	79.423	ng		100
50) Dimethylphthalate	13.95	163	4285651	77.563	ng		100
51) 2,6-Dinitrotoluene	14.06	165	907386	85.471	ng		93
52) Acenaphthene	14.54	154	3241602	79.373	ng		98
53) 3-Nitroaniline	14.39	138	999143	85.916	ng		96
54) 2,4-Dinitrophenol	14.59	184	386738	117.475	ng		95
55) Dibenzofuran	14.87	168	4990435	78.812	ng		100
56) 4-Nitrophenol	14.69	139	740234	85.718	ng		96
57) 2,4-Dinitrotoluene	14.84	165	1215977	87.138	ng		100
58) Fluorene	15.52	166	4027811	77.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.10	232	994597	81.182	ng		98
60) Diethylphthalate	15.30	149	4306537	76.180	ng		100
61) 4-Chlorophenyl-phenylether	15.52	204	2197352	79.015	ng		93
62) 4-Nitroaniline	15.56	138	1035478	83.993	ng		98
63) Azobenzene	15.82	77	4159020	78.553	ng		98
65) 4,6-Dinitro-2-methylphenol	15.60	198	511058	114.009	ng		100
66) n-Nitrosodiphenylamine	15.74	169	3460727	82.617	ng		100
67) 4-Bromophenyl-phenylether	16.42	248	1298241	81.083	ng		95
68) Hexachlorobenzene	16.52	284	1508523	82.260	ng		99
69) Atrazine	16.69	200	852659	64.473	ng		99
70) Pentachlorophenol	16.86	266	726896	86.066	ng		99
71) Phenanthrene	17.26	178	5955220	80.948	ng		99
72) Anthracene	17.35	178	5956686	80.705	ng		100
73) Carbazole	17.62	167	5251747	78.347	ng		99
74) Di-n-butylphthalate	18.19	149	6745697	77.358	ng		99
75) Fluoranthene	19.27	202	6455030	77.324	ng		99
77) Benzidine	19.46	184	2295627	64.722	ng		100
78) Pyrene	19.64	202	6505262	81.740	ng		99
80) Butylbenzylphthalate	20.54	149	2821249	84.717	ng		96
81) Benzo(a)anthracene	21.38	228	6056979	80.892	ng		100
82) 3,3'-Dichlorobenzidine	21.32	252	2252812	79.345	ng		98
83) Chrysene	21.44	228	5785447	81.189	ng		99
84) Bis(2-ethylhexyl)phthalate	21.32	149	3980953	81.439	ng	#	97
85) Di-n-octyl phthalate	22.22	149	6703313	81.903	ng		100
86) Indeno(1,2,3-cd)pyrene	26.04	276	7011850	84.296	ng		99
88) Benzo(b)fluoranthene	23.00	252	6047283	81.907	ng		100
89) Benzo(k)fluoranthene	23.05	252	5857413	82.848	ng		99
90) Benzo(a)pyrene	23.60	252	5599578	82.523	ng		99
91) Dibenzo(a,h)anthracene	26.05	278	5829858	85.038	ng		99
92) Benzo(g,h,i)perylene	26.75	276	5434410	84.171	ng		99

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

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