Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018470.D
Acq On : 09 Jan 2019 12:39
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Manual Integrations APPROVED
Sohil
1/10/2019 3:11:54 PM

Quant Time: Jan 10 05:53:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	343858	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1392943	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	791975	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1810428	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1941676	20.00	ng		0.00
87) Perylene-d12	23.64	264	1968736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1552409	83.36	ng		0.00
7) Phenol-d6	6.94	99	1979927	83.71	ng		0.00
23) Nitrobenzene-d5	8.93	82	1947845	81.06	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	855385	84.83	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	4843261	79.80	ng		0.00
79) Terphenyl-d14	19.79	244	7734509	83.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	305417	40.240	ng		96
3) Pyridine	3.69	79	804528	42.516	ng		97
4) n-Nitrosodimethylamine	3.60	42	326145	41.681	ng	#	95
6) Aniline	7.10	93	1113114	42.189	ng		99
8) 2-Chlorophenol	7.33	128	899534	41.359	ng		94
9) Benzaldehyde	6.92	77	565254	42.180	ng		98
10) Phenol	6.96	94	997697	41.511	ng		97
11) bis(2-Chloroethyl)ether	7.20	93	792461	41.962	ng		94
12) 1,3-Dichlorobenzene	7.65	146	1057576	40.831	ng		99
13) 1,4-Dichlorobenzene	7.80	146	1065950	40.604	ng		100
14) 1,2-Dichlorobenzene	8.11	146	1022532	41.077	ng		100
15) Benzyl Alcohol	8.01	79	722641	42.301	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	980728	40.636	ng		94
17) 2-Methylphenol	8.21	107	689379	42.255	ng		98
18) Hexachloroethane	8.83	117	379664	40.561	ng		94
19) n-Nitroso-di-n-propylamine	8.57	70	643163	41.784	ng		94
20) 3+4-Methylphenols	8.53	107	958412	42.554	ng		100
22) Acetophenone	8.59	105	1382085	40.109	ng	#	97
24) Nitrobenzene	8.97	77	948094	40.102	ng		96
25) Isophorone	9.49	82	1516442	41.677	ng		98
26) 2-Nitrophenol	9.67	139	497771	43.543	ng		98
27) 2,4-Dimethylphenol	9.73	122	703460	41.054	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	1014202	40.349	ng		100
29) 2,4-Dichlorophenol	10.21	162	859564	42.128	ng		99
30) 1,2,4-Trichlorobenzene	10.42	180	1001737	39.555	ng		98
31) Naphthalene	10.60	128	2668623	39.780	ng		99
32) Benzoic acid	9.86	122	467957m	41.569	ng		
33) 4-Chloroaniline	10.73	127	1087534	41.164	ng		99
34) Hexachlorobutadiene	10.87	225	633634	39.603	ng		98
35) Caprolactam	11.52	113	298093m	42.971	ng		
36) 4-Chloro-3-methylphenol	11.85	107	905209	42.288	ng		99
37) 2-Methylnaphthalene	12.22	142	1900254	40.092	ng		99
38) 1-Methylnaphthalene	12.44	142	1845705	40.246	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1107393	39.985	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	620978	40.854	ng		98
43) 2,4,6-Trichlorophenol	12.83	196	707901	42.092	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	750574	42.435	ng		98
46) 1,1'-Biphenyl	13.24	154	2755980	39.854	ng		99
47) 2-Chloronaphthalene	13.28	162	2130517	39.731	ng		100
48) 2-Nitroaniline	13.50	65	565009	42.827	ng		93
49) Acenaphthylene	14.13	152	3180301	40.696	ng		100
50) Dimethylphthalate	13.87	163	2640477	40.596	ng		99
51) 2,6-Dinitrotoluene	14.00	165	580160	42.109	ng		96
52) Acenaphthene	14.47	154	1920907	40.174	ng		99
53) 3-Nitroaniline	14.33	138	585787	42.173	ng		95
54) 2,4-Dinitrophenol	14.53	184	266056	39.662	ng		91
55) Dibenzofuran	14.81	168	3152815	39.907	ng		98
56) 4-Nitrophenol	14.65	139	506022	42.170	ng		93
57) 2,4-Dinitrotoluene	14.78	165	800631	41.071	ng		99
58) Fluorene	15.46	166	2382449	40.482	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	653286	41.669	ng		98
60) Diethylphthalate	15.24	149	2696737	41.070	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	1362831	40.178	ng		100
62) 4-Nitroaniline	15.50	138	637845	42.100	ng		99
63) Azobenzene	15.75	77	2208636	41.256	ng		98
65) 4,6-Dinitro-2-methylphenol	15.54	198	447607	39.824	ng		91
66) n-Nitrosodiphenylamine	15.67	169	2275298	40.516	ng		99
67) 4-Bromophenyl-phenylether	16.35	248	811507	40.055	ng		96
68) Hexachlorobenzene	16.46	284	894631	39.445	ng		99
69) Atrazine	16.63	200	852466	41.989	ng		99
70) Pentachlorophenol	16.80	266	618602	41.646	ng		99
71) Phenanthrene	17.20	178	3863484	40.121	ng		99
72) Anthracene	17.29	178	3791109	40.941	ng		100
73) Carbazole	17.57	167	3900291	40.997	ng		100
74) Di-n-butylphthalate	18.13	149	4436255	42.571	ng		100
75) Fluoranthene	19.22	202	4523039	40.740	ng		98
77) Benzidine	19.42	184	1915370	39.951	ng		100
78) Pyrene	19.59	202	4749527	41.267	ng		99
80) Butylbenzylphthalate	20.49	149	2049675	41.735	ng		95
81) Benzo(a)anthracene	21.34	228	4605788	40.265	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	1825407	42.201	ng		99
83) Chrysene	21.39	228	4476641	40.528	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2951313	41.616	ng		100
85) Di-n-octyl phthalate	22.16	149	4941538	41.429	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5203472	40.853	ng		97
88) Benzo(b)fluoranthene	22.95	252	4637332	41.490	ng		98
89) Benzo(k)fluoranthene	23.00	252	4476208	39.739	ng		98
90) Benzo(a)pyrene	23.54	252	4365144	40.794	ng		98
91) Dibenzo(a,h)anthracene	25.98	278	4384324	40.438	ng		98
92) Benzo(g,h,i)perylene	26.68	276	4275696	40.525	ng		98

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

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