Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018467.D
Acq On : 09 Jan 2019 10:45
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
1/10/2019 3:11:50 PM

Quant Time: Jan 09 12:34:36 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 10:48:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	359035	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1420625	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	798295	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1807464	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1948474	20.00	ng		0.00
87) Perylene-d12	23.64	264	1958162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1986619	104.32	ng		0.00
7) Phenol-d6	6.94	99	2528612	95.63	ng		0.00
23) Nitrobenzene-d5	8.93	82	2466321	99.64	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1090876	107.55	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	6074306	103.06	ng		0.00
79) Terphenyl-d14	19.79	244	9564890	104.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	385247	49.674	ng		97
3) Pyridine	3.69	79	1032333	48.258	ng		97
4) n-Nitrosodimethylamine	3.60	42	431329	49.451	ng	#	92
6) Aniline	7.10	93	1458957	44.235	ng		96
8) 2-Chlorophenol	7.33	128	1156067	50.340	ng		95
9) Benzaldehyde	6.92	77	662537	35.688	ng		94
10) Phenol	6.96	94	1272782	46.787	ng		98
11) bis(2-Chloroethyl)ether	7.20	93	992519	46.805	ng		95
12) 1,3-Dichlorobenzene	7.65	146	1346831	49.926	ng		98
13) 1,4-Dichlorobenzene	7.80	146	1368062	49.916	ng		99
14) 1,2-Dichlorobenzene	8.11	146	1291429	48.024	ng		99
15) Benzyl Alcohol	8.01	79	932357	45.424	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1254821	37.159	ng		94
17) 2-Methylphenol	8.21	107	878296	45.574	ng		99
18) Hexachloroethane	8.83	117	487483	49.831	ng		97
19) n-Nitroso-di-n-propylamine	8.57	70	818071	40.611	ng		95
20) 3+4-Methylphenols	8.54	107	1216893	47.066	ng		97
22) Acetophenone	8.59	105	1748371	48.474	ng		99
24) Nitrobenzene	8.97	77	1212542	49.502	ng		99
25) Isophorone	9.49	82	1907953	44.438	ng		99
26) 2-Nitrophenol	9.67	139	629924	66.422	ng		97
27) 2,4-Dimethylphenol	9.73	122	897218	50.451	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	1287407	47.774	ng		98
29) 2,4-Dichlorophenol	10.21	162	1097709	55.809	ng		97
30) 1,2,4-Trichlorobenzene	10.42	180	1280378	53.139	ng		98
31) Naphthalene	10.60	128	3395860	49.595	ng		100
32) Benzoic acid	9.87	122	579140	58.465	ng		95
33) 4-Chloroaniline	10.73	127	1428940	45.551	ng		99
34) Hexachlorobutadiene	10.87	225	813768	55.622	ng		98
35) Caprolactam	11.53	113	373409m	51.369	ng		
36) 4-Chloro-3-methylphenol	11.85	107	1150882	51.620	ng		98
37) 2-Methylnaphthalene	12.22	142	2421674	48.298	ng		99
38) 1-Methylnaphthalene	12.44	142	2329296	47.789	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1402241	56.108	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	807994	66.678	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	912399	64.272	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	953025	61.433	ng		97
46) 1,1'-Biphenyl	13.24	154	3465325	50.798	ng		98
47) 2-Chloronaphthalene	13.28	162	2682707	51.345	ng		100
48) 2-Nitroaniline	13.50	65	707967	50.497	ng		94
49) Acenaphthylene	14.13	152	4034590	50.157	ng		100
50) Dimethylphthalate	13.87	163	3325311	49.859	ng		100
51) 2,6-Dinitrotoluene	14.00	165	734372	52.465	ng		93
52) Acenaphthene	14.47	154	2418266	49.817	ng		98
53) 3-Nitroaniline	14.33	138	754319	48.457	ng		97
54) 2,4-Dinitrophenol	14.53	184	338572	88.527	ng		92
55) Dibenzofuran	14.81	168	3938377	49.584	ng		98
56) 4-Nitrophenol	14.64	139	635809	54.114	ng		95
57) 2,4-Dinitrotoluene	14.78	165	1010456	53.353	ng		97
58) Fluorene	15.46	166	2989976	48.329	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	836948	58.420	ng		98
60) Diethylphthalate	15.24	149	3377748	48.421	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	1710974	50.337	ng		99
62) 4-Nitroaniline	15.50	138	805623	48.621	ng		98
63) Azobenzene	15.75	77	2772863	43.612	ng		98
65) 4,6-Dinitro-2-methylphenol	15.54	198	571133	78.683	ng		91
66) n-Nitrosodiphenylamine	15.67	169	2866251	50.881	ng		98
67) 4-Bromophenyl-phenylether	16.35	248	1032591	52.462	ng		96
68) Hexachlorobenzene	16.45	284	1134511	50.884	ng		97
69) Atrazine	16.63	200	1062610	50.886	ng		98
70) Pentachlorophenol	16.80	266	773054	59.461	ng		98
71) Phenanthrene	17.20	178	4825403	50.433	ng		100
72) Anthracene	17.29	178	4743923	49.771	ng		100
73) Carbazole	17.57	167	4877084	48.721	ng		100
74) Di-n-butylphthalate	18.13	149	5561433	48.882	ng		100
75) Fluoranthene	19.22	202	5635623	49.735	ng		98
77) Benzidine	19.42	184	2500324	44.893	ng		100
78) Pyrene	19.59	202	5925091	52.388	ng		100
80) Butylbenzylphthalate	20.49	149	2568400	55.200	ng		95
81) Benzo(a)anthracene	21.34	228	5789848	50.591	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	2272816	51.693	ng		99
83) Chrysene	21.39	228	5642119	51.102	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3725563	48.864	ng		99
85) Di-n-octyl phthalate	22.16	149	6253331	49.620	ng		95
86) Indeno(1,2,3-cd)pyrene	25.96	276	6482457	47.431	ng		97
88) Benzo(b)fluoranthene	22.95	252	5845996	53.525	ng		98
89) Benzo(k)fluoranthene	23.00	252	5571491	51.003	ng		98
90) Benzo(a)pyrene	23.54	252	5489428	52.321	ng	#	98
91) Dibenzo(a,h)anthracene	25.98	278	5496017	50.301	ng		99
92) Benzo(g,h,i)perylene	26.68	276	5351062	51.148	ng		97

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

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