Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022724.D
Acq On : 20 Sep 2019 12:43
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC020

Quant Time: Sep 20 15:30:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 15:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	161928	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	664420	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	393564	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	776510	20.00	ng		0.00
76) Chrysene-d12	21.38	240	776682	20.00	ng		0.00
87) Perylene-d12	23.65	264	822453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	411735	45.31	ng		0.00
7) Phenol-d6	6.99	99	540049	44.63	ng		0.00
23) Nitrobenzene-d5	8.97	82	487993	35.72	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	190018	29.83	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	1166142	37.01	ng		0.00
79) Terphenyl-d14	19.82	244	1727426	32.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	82986	21.797	ng	#	100
3) Pyridine	3.72	79	232668	24.122	ng		99
4) n-Nitrosodimethylamine	3.63	42	76649	13.264	ng	#	94
6) Aniline	7.15	93	320400	19.776	ng		99
8) 2-Chlorophenol	7.39	128	211565	19.554	ng		99
9) Benzaldehyde	6.96	77	171014	22.301	ng		99
10) Phenol	7.01	94	254660	19.878	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	197234	19.462	ng		99
12) 1,3-Dichlorobenzene	7.72	146	250651	19.007	ng		99
13) 1,4-Dichlorobenzene	7.86	146	257451	19.230	ng		99
14) 1,2-Dichlorobenzene	8.18	146	245080	18.796	ng		99
15) Benzyl Alcohol	8.06	79	168230	15.815	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	302759	21.562	ng		99
17) 2-Methylphenol	8.26	107	167209	18.299	ng		100
18) Hexachloroethane	8.91	117	93512	16.088	ng		95
19) n-Nitroso-di-n-propylamine	8.63	70	157866	16.562	ng		98
20) 3+4-Methylphenols	8.59	107	221127	17.919	ng		97
22) Acetophenone	8.65	105	333584	19.571	ng	#	99
24) Nitrobenzene	9.02	77	234173	16.743	ng		100
25) Isophorone	9.55	82	398922	16.455	ng		99
26) 2-Nitrophenol	9.73	139	90914	15.346	ng		98
27) 2,4-Dimethylphenol	9.79	122	164704	18.444	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	280783	19.577	ng		100
29) 2,4-Dichlorophenol	10.26	162	183105	16.992	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	229807	17.313	ng		100
31) Naphthalene	10.67	128	672184	19.479	ng		100
32) Benzoic acid	9.88	122	87984	11.542	ng		96
33) 4-Chloroaniline	10.77	127	288776	19.996	ng		98
34) Hexachlorobutadiene	10.96	225	136862	12.017	ng		98
35) Caprolactam	11.55	113	52551	18.142	ng		98
36) 4-Chloro-3-methylphenol	11.89	107	183132	16.078	ng		98
37) 2-Methylnaphthalene	12.28	142	470937	18.671	ng		99
38) 1-Methylnaphthalene	12.50	142	448954	18.635	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	257295	16.702	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	136094	18.982	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	147018	15.920	ng		100
44) 2,4,5-Trichlorophenol	12.96	196	154026	16.431	ng		98
46) 1,1'-Biphenyl	13.29	154	654224	21.137	ng		99
47) 2-Chloronaphthalene	13.33	162	491996	19.315	ng		100
48) 2-Nitroaniline	13.53	65	119371	14.826	ng		95
49) Acenaphthylene	14.18	152	722266	18.486	ng		100
50) Dimethylphthalate	13.92	163	579567	17.516	ng		100
51) 2,6-Dinitrotoluene	14.03	165	117222	17.939	ng		99
52) Acenaphthene	14.52	154	474042	20.805	ng		99
53) 3-Nitroaniline	14.35	138	133036	20.444	ng		98
54) 2,4-Dinitrophenol	14.56	184	47381	14.669	ng		98
55) Dibenzofuran	14.86	168	706005	18.647	ng		100
56) 4-Nitrophenol	14.65	139	98935	22.811	ng		93
57) 2,4-Dinitrotoluene	14.81	165	147468	15.720	ng		93
58) Fluorene	15.50	166	572877	17.948	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	135182	14.464	ng		99
60) Diethylphthalate	15.28	149	560557	16.065	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	295972	14.713	ng		100
62) 4-Nitroaniline	15.51	138	139281	23.125	ng		99
63) Azobenzene	15.79	77	509574	15.155	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	61471	13.185	ng		98
66) n-Nitrosodiphenylamine	15.71	169	480796	19.310	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	170974	14.859	ng		100
68) Hexachlorobenzene	16.51	284	202691	15.505	ng		100
69) Atrazine	16.66	200	149186	18.094	ng		99
70) Pentachlorophenol	16.84	266	98553	15.495	ng		98
71) Phenanthrene	17.24	178	896124	19.900	ng		99
72) Anthracene	17.33	178	852552	19.072	ng		100
73) Carbazole	17.59	167	795761	21.334	ng		99
74) Di-n-butylphthalate	18.17	149	870741	15.386	ng		100
75) Fluoranthene	19.25	202	991887	18.266	ng		99
77) Benzidine	19.43	184	430965	24.739	ng		100
78) Pyrene	19.62	202	1034160	18.917	ng		99
80) Butylbenzylphthalate	20.52	149	358799	14.674	ng		94
81) Benzo(a)anthracene	21.36	228	1027613	18.814	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	348600	18.305	ng		99
83) Chrysene	21.42	228	1002641	19.015	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	549905	14.954	ng		99
85) Di-n-octyl phthalate	22.19	149	836850	14.060	ng		99
86) Indeno(1,2,3-cd)pyrene	25.96	276	1134685	19.212	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	1026548	18.693	ng		100
89) Benzo(k)fluoranthene	23.02	252	970369	18.076	ng		99
90) Benzo(a)pyrene	23.55	252	900734	18.010	ng		100
91) Dibenzo(a,h)anthracene	25.97	278	951012	17.896	ng		100
92) Benzo(g,h,i)perylene	26.67	276	895622	19.277	ng		99

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

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