Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022723.D
Acq On : 20 Sep 2019 12:07
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Sep 20 15:31:20 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	168331	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	651393	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	367377	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	719690	20.00	ng		0.00
76) Chrysene-d12	21.37	240	721311	20.00	ng		0.00
87) Perylene-d12	23.65	264	776023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	211042	22.34	ng		0.00
7) Phenol-d6	6.99	99	268647	21.36	ng		0.00
23) Nitrobenzene-d5	8.97	82	237437	17.73	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	80680	13.57	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	553990	18.83	ng		0.00
79) Terphenyl-d14	19.82	244	783418	15.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	43130	10.897	ng	#	100
3) Pyridine	3.73	79	116705	11.639	ng		97
4) n-Nitrosodimethylamine	3.64	42	39688	6.607	ng	#	90
6) Aniline	7.15	93	160772	9.546	ng		99
8) 2-Chlorophenol	7.39	128	107462	9.555	ng		100
9) Benzaldehyde	6.97	77	88148	11.058	ng		100
10) Phenol	7.02	94	128575	9.654	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	99783	9.472	ng		100
12) 1,3-Dichlorobenzene	7.72	146	131983	9.628	ng		99
13) 1,4-Dichlorobenzene	7.86	146	134437	9.660	ng		99
14) 1,2-Dichlorobenzene	8.18	146	128246	9.461	ng		99
15) Benzyl Alcohol	8.06	79	80878	7.314	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	153825	10.539	ng		98
17) 2-Methylphenol	8.26	107	80594	8.485	ng		99
18) Hexachloroethane	8.91	117	48852	8.085	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	74603	7.529	ng		98
20) 3+4-Methylphenols	8.59	107	106851	8.329	ng		99
22) Acetophenone	8.65	105	164407	9.838	ng	#	100
24) Nitrobenzene	9.02	77	116663	8.508	ng		98
25) Isophorone	9.55	82	182431	7.675	ng		99
26) 2-Nitrophenol	9.73	139	40809	7.026	ng		96
27) 2,4-Dimethylphenol	9.79	122	78103	8.921	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	134496	9.565	ng		99
29) 2,4-Dichlorophenol	10.26	162	84222	7.972	ng		98
30) 1,2,4-Trichlorobenzene	10.48	180	114735	8.817	ng		99
31) Naphthalene	10.67	128	333520	9.858	ng		100
32) Benzoic acid	9.86	122	35002	4.683	ng		94
33) 4-Chloroaniline	10.77	127	137614	9.720	ng		99
34) Hexachlorobutadiene	10.96	225	67763	6.069	ng		99
35) Caprolactam	11.55	113	20662	7.276	ng		97
36) 4-Chloro-3-methylphenol	11.89	107	82937	7.427	ng		97
37) 2-Methylnaphthalene	12.28	142	223751	9.048	ng		99
38) 1-Methylnaphthalene	12.50	142	213021	9.019	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	121392	8.442	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	63515	9.490	ng		97
43) 2,4,6-Trichlorophenol	12.89	196	63943	7.418	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	69342	7.925	ng		99
46) 1,1'-Biphenyl	13.29	154	310304	10.740	ng		99
47) 2-Chloronaphthalene	13.33	162	233711	9.829	ng		100
48) 2-Nitroaniline	13.53	65	51095	6.798	ng		93
49) Acenaphthylene	14.18	152	325309	8.919	ng		100
50) Dimethylphthalate	13.92	163	266503	8.628	ng		99
51) 2,6-Dinitrotoluene	14.02	165	50347	8.254	ng		88
52) Acenaphthene	14.52	154	220757	10.379	ng		97
53) 3-Nitroaniline	14.35	138	55233	9.093	ng		97
54) 2,4-Dinitrophenol	14.56	184	18833	6.246	ng		98
55) Dibenzofuran	14.86	168	332788	9.416	ng		99
56) 4-Nitrophenol	14.65	139	40236	9.938	ng		94
57) 2,4-Dinitrotoluene	14.81	165	58921	6.729	ng		90
58) Fluorene	15.50	166	265714	8.918	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	57623	6.605	ng		97
60) Diethylphthalate	15.28	149	250026	7.676	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	133801	7.126	ng		96
62) 4-Nitroaniline	15.51	138	55279	9.832	ng		97
63) Azobenzene	15.79	77	224330	7.147	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	24286	5.620	ng		98
66) n-Nitrosodiphenylamine	15.71	169	215549	9.341	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	76088	7.135	ng		99
68) Hexachlorobenzene	16.51	284	93249	7.696	ng		99
69) Atrazine	16.66	200	64428	8.431	ng		98
70) Pentachlorophenol	16.84	266	39547	6.709	ng		99
71) Phenanthrene	17.24	178	418065	10.017	ng		99
72) Anthracene	17.33	178	382122	9.223	ng		99
73) Carbazole	17.59	167	354687	10.260	ng		100
74) Di-n-butylphthalate	18.17	149	366024	6.978	ng		100
75) Fluoranthene	19.25	202	446744	8.876	ng		99
77) Benzidine	19.43	184	187391	11.583	ng		100
78) Pyrene	19.62	202	466459	9.187	ng		99
80) Butylbenzylphthalate	20.52	149	146203	6.438	ng		92
81) Benzo(a)anthracene	21.36	228	467927	9.224	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	143571	8.117	ng		99
83) Chrysene	21.41	228	466256	9.522	ng		99
84) Bis(2-ethylhexyl)phthalate	21.30	149	217889	6.380	ng		98
85) Di-n-octyl phthalate	22.19	149	332250	6.011	ng		96
86) Indeno(1,2,3-cd)pyrene	25.96	276	524184	9.556	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	454517	8.772	ng		98
89) Benzo(k)fluoranthene	23.01	252	460029	9.082	ng		98
90) Benzo(a)pyrene	23.55	252	402837	8.537	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	441753	8.810	ng		99
92) Benzo(g,h,i)perylene	26.66	276	417807	9.531	ng		98

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

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