Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
Data File : BM022732.D
Acq On : 20 Sep 2019 19:06
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Sep 21 02:12:26 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 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	178608	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	736090	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	425849	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	813762	20.00	ng	0.00
76) Chrysene-d12	21.37	240	809147	20.00	ng	0.00
87) Perylene-d12	23.64	264	839930	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	895979	79.56	ng	0.00
7) Phenol-d6	6.99	99	1166366	80.64	ng	0.00
23) Nitrobenzene-d5	8.98	82	1055709	79.61	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	412174	77.53	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2427335	78.49	ng	0.00
79) Terphenyl-d14	19.82	244	3453453	82.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	176536	38.957	ng	# 100
3) Pyridine	3.72	79	494441	41.395	ng	98
4) n-Nitrosodimethylamine	3.62	42	180867	41.595	ng	93
6) Aniline	7.15	93	704431	40.616	ng	99
8) 2-Chlorophenol	7.39	128	459337	40.032	ng	100
9) Benzaldehyde	6.96	77	367738	44.650	ng	99
10) Phenol	7.02	94	550375	40.416	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	435692	40.723	ng	98
12) 1,3-Dichlorobenzene	7.72	146	539955	39.373	ng	99
13) 1,4-Dichlorobenzene	7.86	146	546132	39.337	ng	99
14) 1,2-Dichlorobenzene	8.18	146	523453	39.547	ng	100
15) Benzyl Alcohol	8.06	79	365472	40.380	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	643064	41.377	ng	98
17) 2-Methylphenol	8.26	107	365046	40.499	ng	99
18) Hexachloroethane	8.91	117	204075	40.077	ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	337876	41.830	ng	98
20) 3+4-Methylphenols	8.59	107	481790	40.131	ng	99
22) Acetophenone	8.65	105	784533	43.178	ng	100
24) Nitrobenzene	9.02	77	504193	39.739	ng	100
25) Isophorone	9.55	82	860766	39.478	ng	99
26) 2-Nitrophenol	9.73	139	203914	37.230	ng	96
27) 2,4-Dimethylphenol	9.79	122	358561	39.104	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	600043	39.770	ng	99
29) 2,4-Dichlorophenol	10.26	162	403930	38.963	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	490399	38.448	ng	99
31) Naphthalene	10.67	128	1420739	39.063	ng	100
32) Benzoic acid	9.93	122	266222	42.736	ng	96
33) 4-Chloroaniline	10.77	127	623999	39.515	ng	98
34) Hexachlorobutadiene	10.96	225	291280	38.310	ng	99
35) Caprolactam	11.55	113	119680	38.941	ng	94
36) 4-Chloro-3-methylphenol	11.89	107	398375	39.387	ng	99
37) 2-Methylnaphthalene	12.28	142	987606	39.010	ng	99
38) 1-Methylnaphthalene	12.50	142	940610	39.141	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	632996	43.868	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	295866	37.580	ng		98
43) 2,4,6-Trichlorophenol	12.89	196	319046	38.309	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	333883	38.472	ng		99
46) 1,1'-Biphenyl	13.29	154	1520848	43.151	ng		100
47) 2-Chloronaphthalene	13.33	162	1022900	38.939	ng		99
48) 2-Nitroaniline	13.53	65	275685	40.302	ng		94
49) Acenaphthylene	14.18	152	1514310	38.927	ng		100
50) Dimethylphthalate	13.92	163	1191923	38.730	ng		100
51) 2,6-Dinitrotoluene	14.03	165	248714	38.636	ng		98
52) Acenaphthene	14.52	154	997688	39.202	ng		99
53) 3-Nitroaniline	14.36	138	292296	39.442	ng		99
54) 2,4-Dinitrophenol	14.56	184	110421	35.858	ng		98
55) Dibenzofuran	14.86	168	1442312	38.819	ng		99
56) 4-Nitrophenol	14.66	139	224113	39.345	ng		97
57) 2,4-Dinitrotoluene	14.81	165	330510	39.191	ng		94
58) Fluorene	15.50	166	1190166	39.419	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	287631	38.002	ng		99
60) Diethylphthalate	15.28	149	1165702	38.955	ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	608491	39.224	ng		98
62) 4-Nitroaniline	15.52	138	309512	39.837	ng		100
63) Azobenzene	15.79	77	1090574	40.357	ng		100
65) 4,6-Dinitro-2-methylphenol	15.57	198	143826	36.942	ng		99
66) n-Nitrosodiphenylamine	15.71	169	991196	39.871	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	351866	38.876	ng		99
68) Hexachlorobenzene	16.51	284	416811	39.489	ng		100
69) Atrazine	16.66	200	319121	39.487	ng		98
70) Pentachlorophenol	16.84	266	218736	38.858	ng		98
71) Phenanthrene	17.24	178	1809234	39.402	ng		100
72) Anthracene	17.33	178	1766999	39.707	ng		100
73) Carbazole	17.59	167	1644623	39.715	ng		99
74) Di-n-butylphthalate	18.16	149	1869525	39.815	ng		100
75) Fluoranthene	19.25	202	2023146	39.046	ng		99
77) Benzidine	19.43	184	896653	40.394	ng		99
78) Pyrene	19.62	202	2113117	39.850	ng		99
80) Butylbenzylphthalate	20.52	149	783693	38.887	ng		98
81) Benzo(a)anthracene	21.36	228	2080901	39.680	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	725268	38.998	ng		99
83) Chrysene	21.41	228	2018987	39.711	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1177031	39.418	ng		100
85) Di-n-octyl phthalate	22.18	149	1816097	38.161	ng		100
86) Indeno(1,2,3-cd)pyrene	25.96	276	2344675	38.639	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2061199	40.531	ng		100
89) Benzo(k)fluoranthene	23.01	252	1970102	39.043	ng		99
90) Benzo(a)pyrene	23.54	252	1861768	39.730	ng		100
91) Dibenzo(a,h)anthracene	25.97	278	1945239	39.685	ng		99
92) Benzo(g,h,i)perylene	26.66	276	1827229	39.248	ng		100

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

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