Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119890.D
Acq On : 10 Apr 2020 13:15
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/14/2020 3:38:58 PM

Quant Time: Apr 11 05:27:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192586	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	705111	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	367978	20.00	ng		0.00
64) Phenanthrene-d10	11.28	188	698128	20.00	ng		0.00
76) Chrysene-d12	13.93	240	480320	20.00	ng		0.00
87) Perylene-d12	15.36	264	407027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	959177	86.07	ng		0.00
7) Phenol-d6	6.39	99	1230182	85.67	ng		0.00
23) Nitrobenzene-d5	7.32	82	1144080	83.94	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	375570	83.36	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2102265	81.11	ng		0.00
79) Terphenyl-d14	12.87	244	2212633	77.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	208508	42.009	ng		99
3) Pyridine	3.13	79	578917	42.511	ng		99
4) n-Nitrosodimethylamine	3.09	42	281659	40.480	ng		94
6) Aniline	6.42	93	808194	42.882	ng		99
8) 2-Chlorophenol	6.54	128	529078	42.492	ng		96
9) Benzaldehyde	6.30	77	334812	46.671	ng		98
10) Phenol	6.40	94	694178	42.612	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	524202	41.675	ng		96
12) 1,3-Dichlorobenzene	6.69	146	572691	42.012	ng		98
13) 1,4-Dichlorobenzene	6.77	146	571658	41.168	ng		98
14) 1,2-Dichlorobenzene	6.93	146	543462	42.467	ng		97
15) Benzyl Alcohol	6.90	79	471511	42.277	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	982938	40.158	ng		99
17) 2-Methylphenol	7.02	107	469547	42.257	ng		99
18) Hexachloroethane	7.27	117	219205	42.240	ng		95
19) n-Nitroso-di-n-propylamine	7.18	70	378251	40.964	ng		96
20) 3+4-Methylphenols	7.17	107	575632	42.357	ng		97
22) Acetophenone	7.17	105	700038	42.397	ng	#	96
24) Nitrobenzene	7.34	77	585870	42.730	ng		98
25) Isophorone	7.58	82	1073263	40.849	ng		98
26) 2-Nitrophenol	7.66	139	294622	43.011	ng		97
27) 2,4-Dimethylphenol	7.70	122	430969	41.716	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	658207	42.573	ng		99
29) 2,4-Dichlorophenol	7.90	162	443767	41.906	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	490760	40.901	ng		99
31) Naphthalene	8.06	128	1551969	41.834	ng		100
32) Benzoic acid	7.83	122	381792	42.079	ng		97
33) 4-Chloroaniline	8.12	127	677773	41.967	ng		96
34) Hexachlorobutadiene	8.18	225	292385	40.707	ng		100
35) Caprolactam	8.49	113	136639	42.182	ng		94
36) 4-Chloro-3-methylphenol	8.60	107	483675	42.187	ng		96
37) 2-Methylnaphthalene	8.76	142	1023562	40.696	ng		98
38) 1-Methylnaphthalene	8.86	142	968765	40.865	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	469281	40.378	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	326556	49.412	ng		96
43) 2,4,6-Trichlorophenol	9.03	196	331926	41.358	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	374166	41.393	ng		95
46) 1,1'-Biphenyl	9.22	154	1268909	40.854	ng		99
47) 2-Chloronaphthalene	9.25	162	988278	41.305	ng		98
48) 2-Nitroaniline	9.34	65	367281	42.359	ng		95
49) Acenaphthylene	9.66	152	1533367	42.140	ng		99
50) Dimethylphthalate	9.53	163	1140231	40.061	ng		100
51) 2,6-Dinitrotoluene	9.59	165	257892	41.376	ng		88
52) Acenaphthene	9.83	154	1024552m	42.210	ng		
53) 3-Nitroaniline	9.76	138	308696	43.365	ng		94
54) 2,4-Dinitrophenol	9.86	184	194496	52.121	ng		92
55) Dibenzofuran	10.00	168	1375389	41.292	ng		99
56) 4-Nitrophenol	9.92	139	224526	42.391	ng		93
57) 2,4-Dinitrotoluene	9.99	165	346281	42.169	ng		97
58) Fluorene	10.35	166	1057273	39.690	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	286787	41.482	ng		98
60) Diethylphthalate	10.22	149	1165366	39.505	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	521022	38.161	ng		96
62) 4-Nitroaniline	10.37	138	300590	44.309	ng		99
63) Azobenzene	10.50	77	1098010	41.533	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	194271	42.239	ng		88
66) n-Nitrosodiphenylamine	10.46	169	957935	41.259	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	351062	40.436	ng		96
68) Hexachlorobenzene	10.90	284	360421	40.922	ng		95
69) Atrazine	10.99	200	239971	37.148	ng		96
70) Pentachlorophenol	11.09	266	205815	40.550	ng		98
71) Phenanthrene	11.31	178	1525469	41.057	ng		99
72) Anthracene	11.36	178	1553398	40.926	ng		99
73) Carbazole	11.52	167	1486471	41.413	ng		99
74) Di-n-butylphthalate	11.85	149	1796369	38.070	ng		100
75) Fluoranthene	12.50	202	1645007	41.033	ng		98
77) Benzidine	12.62	184	627048	38.620	ng		98
78) Pyrene	12.73	202	1668636	41.209	ng		98
80) Butylbenzylphthalate	13.35	149	735567	37.437	ng		97
81) Benzo(a)anthracene	13.92	228	1266038	40.066	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	483465	41.006	ng		98
83) Chrysene	13.96	228	1302331	40.562	ng		100
84) Bis(2-ethylhexyl)phthalate	13.91	149	870447	32.714	ng	#	99
85) Di-n-octyl phthalate	14.53	149	1452872	32.070	ng		100
86) Indeno(1,2,3-cd)pyrene	16.77	276	1045802	36.952	ng		99
88) Benzo(b)fluoranthene	14.94	252	1224636	41.824	ng		98
89) Benzo(k)fluoranthene	14.98	252	1051502	41.621	ng		98
90) Benzo(a)pyrene	15.30	252	1030885	41.874	ng		99
91) Dibenzo(a,h)anthracene	16.79	278	843969	38.701	ng		100
92) Benzo(g,h,i)perylene	17.19	276	840497	39.046	ng		96

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

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