Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121319.D
Acq On : 18 Aug 2020 11:32
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Aug 18 12:22:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 18 12:15:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	95539	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	363603	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	193773	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	377633	20.00	ng	0.00
76) Chrysene-d12	13.86	240	310020	20.00	ng	0.00
86) Perylene-d12	15.27	264	343188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	448388	71.15	ng	0.00
7) Phenol-d6	6.34	99	565653	69.66	ng	0.00
23) Nitrobenzene-d5	7.26	82	470379	70.70	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	177710	74.49	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	905377	64.63	ng	0.00
79) Terphenyl-d14	12.80	244	1079221	67.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	97031	36.182	ng	100
3) Pyridine	2.96	79	252800	36.212	ng	100
4) n-Nitrosodimethylamine	2.90	42	104356	36.500	ng	100
6) Aniline	6.36	93	329619	34.240	ng	100
8) 2-Chlorophenol	6.48	128	233967	33.764	ng	100
9) Benzaldehyde	6.25	77	168358	40.230	ng	100
10) Phenol	6.35	94	292166	33.166	ng	100
11) bis(2-Chloroethyl)ether	6.43	93	225025	35.388	ng	100
12) 1,3-Dichlorobenzene	6.63	146	260952	35.640	ng	100
13) 1,4-Dichlorobenzene	6.72	146	263388	35.591	ng	100
14) 1,2-Dichlorobenzene	6.87	146	246314	35.266	ng	100
15) Benzyl Alcohol	6.85	79	181964	33.450	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	343208	37.483	ng	100
17) 2-Methylphenol	6.96	107	185728	33.931	ng	100
18) Hexachloroethane	7.20	117	97819	37.377	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	152145	33.720	ng	100
20) 3+4-Methylphenols	7.12	107	229890	33.103	ng	100
22) Acetophenone	7.11	105	315647	33.705	ng	100
24) Nitrobenzene	7.28	77	242348	33.571	ng	100
25) Isophorone	7.52	82	425292	31.839	ng	100
26) 2-Nitrophenol	7.60	139	125401	35.852	ng	100
27) 2,4-Dimethylphenol	7.65	122	177936	31.751	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	297432	39.810	ng	100
29) 2,4-Dichlorophenol	7.85	162	197640	34.487	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	225508	35.652	ng	100
31) Naphthalene	8.00	128	682234	33.351	ng	100
32) Benzoic acid	7.77	122	123922	46.169	ng	100
33) 4-Chloroaniline	8.06	127	290461	34.794	ng	100
34) Hexachlorobutadiene	8.12	225	133015	34.757	ng	100
35) Caprolactam	8.43	113	63110	36.561	ng	100
36) 4-Chloro-3-methylphenol	8.55	107	200094	34.222	ng	100
37) 2-Methylnaphthalene	8.69	142	450683	33.480	ng	100
38) 1-Methylnaphthalene	8.79	142	425845	33.411	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	217006	33.423	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	68358	48.482	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	149107	36.110	ng	100
44) 2,4,5-Trichlorophenol	9.02	196	153509	34.227	ng	100
46) 1,1'-Biphenyl	9.16	154	552335	32.989	ng	100
47) 2-Chloronaphthalene	9.18	162	444761	34.508	ng	100
48) 2-Nitroaniline	9.29	65	136758	37.750	ng	100
49) Acenaphthylene	9.60	152	674849	32.966	ng	100
50) Dimethylphthalate	9.46	163	523668	35.914	ng	100
51) 2,6-Dinitrotoluene	9.53	165	112764	34.693	ng	100
52) Acenaphthene	9.77	154	409841	33.815	ng	100
53) 3-Nitroaniline	9.70	138	138341	37.277	ng	100
54) 2,4-Dinitrophenol	9.81	184	52965	55.049	ng	100
55) Dibenzofuran	9.94	168	609821	31.595	ng	100
56) 4-Nitrophenol	9.87	139	87265	36.436	ng	100
57) 2,4-Dinitrotoluene	9.93	165	144799	33.946	ng	100
58) Fluorene	10.29	166	465936	31.891	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	131640	37.122	ng	100
60) Diethylphthalate	10.16	149	531889	35.872	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	238012	33.495	ng	100
62) 4-Nitroaniline	10.31	138	143632	38.602	ng	100
63) Azobenzene	10.44	77	492855	33.267	ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	76954	36.784	ng	100
66) n-Nitrosodiphenylamine	10.40	169	431147	33.297	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	158424	35.965	ng	100
68) Hexachlorobenzene	10.83	284	178309	35.498	ng	100
69) Atrazine	10.93	200	137855	35.593	ng	100
70) Pentachlorophenol	11.03	266	82333	44.480	ng	100
71) Phenanthrene	11.25	178	711195	32.920	ng	100
72) Anthracene	11.30	178	712068	32.845	ng	100
73) Carbazole	11.46	167	676234	31.894	ng	100
74) Di-n-butylphthalate	11.79	149	878555	36.710	ng	100
75) Fluoranthene	12.43	202	801344	33.311	ng	100
77) Benzidine	12.56	184	386540	47.428	ng	100
78) Pyrene	12.66	202	820197	35.527	ng	100
80) Butylbenzylphthalate	13.29	149	383638	40.682	ng	100
81) Benzo(a)anthracene	13.84	228	687244	32.684	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	288365	34.565	ng	100
83) Chrysene	13.89	228	737837	34.368	ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	491863	37.842	ng	100
85) Di-n-octyl phthalate	14.46	149	955159	40.080	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	893490	35.017	ng	100
88) Benzo(b)fluoranthene	14.87	252	778386	33.850	ng	100
89) Benzo(k)fluoranthene	14.90	252	721084	33.769	ng	100
90) Benzo(a)pyrene	15.22	252	705422	33.989	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	730456	33.410	ng	100
92) Benzo(g,h,i)perylene	17.05	276	731511	33.904	ng	100

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

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