Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121622.D
Acq On : 21 Sep 2020 12:27
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 21 14:26:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152040	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	567887	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	295266	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	560000	20.00	ng	0.00
76) Chrysene-d12	14.00	240	448104	20.00	ng	0.00
86) Perylene-d12	15.46	264	422069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	811410	79.31	ng	0.00
7) Phenol-d6	6.46	99	1048108	78.09	ng	0.00
23) Nitrobenzene-d5	7.39	82	877782	82.99	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	326206	88.89	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1560251	80.03	ng	0.00
79) Terphenyl-d14	12.94	244	1814747	82.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	183393	39.019	ng	100
3) Pyridine	3.29	79	502158	38.647	ng	100
4) n-Nitrosodimethylamine	3.25	42	233978	38.822	ng	100
6) Aniline	6.49	93	666632	38.135	ng	100
8) 2-Chlorophenol	6.61	128	414325	39.777	ng	100
9) Benzaldehyde	6.37	77	317938	36.235	ng	100
10) Phenol	6.47	94	542569	37.961	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	430103	39.927	ng	100
12) 1,3-Dichlorobenzene	6.76	146	470819	40.496	ng	100
13) 1,4-Dichlorobenzene	6.84	146	473564	40.566	ng	100
14) 1,2-Dichlorobenzene	6.99	146	431757	40.148	ng	100
15) Benzyl Alcohol	6.96	79	374206	41.019	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	664651	38.342	ng	100
17) 2-Methylphenol	7.08	107	356128	40.182	ng	100
18) Hexachloroethane	7.33	117	173549	41.519	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	299397	38.704	ng	100
20) 3+4-Methylphenols	7.23	107	410795	38.578	ng	100
22) Acetophenone	7.23	105	565055	39.217	ng	100
24) Nitrobenzene	7.40	77	467774	40.891	ng	100
25) Isophorone	7.65	82	840995	39.500	ng	100
26) 2-Nitrophenol	7.72	139	217247	40.749	ng	100
27) 2,4-Dimethylphenol	7.76	122	371533	39.092	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	524165	39.767	ng	100
29) 2,4-Dichlorophenol	7.97	162	353433	40.830	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	378239	41.489	ng	100
31) Naphthalene	8.13	128	1204180	40.169	ng	100
32) Benzoic acid	7.90	122	248377	36.902	ng	100
33) 4-Chloroaniline	8.17	127	523740	40.304	ng	100
34) Hexachlorobutadiene	8.25	225	225217	42.088	ng	100
35) Caprolactam	8.56	113	117602	40.796	ng	100
36) 4-Chloro-3-methylphenol	8.67	107	383069	41.080	ng	100
37) 2-Methylnaphthalene	8.82	142	790769	40.252	ng	100
38) 1-Methylnaphthalene	8.92	142	737500	40.336	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	382168	41.436	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	208027	39.496	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	258297	41.087	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	279464	42.050	ng	100
46) 1,1'-Biphenyl	9.29	154	956009	40.444	ng	100
47) 2-Chloronaphthalene	9.31	162	740212	39.738	ng	100
48) 2-Nitroaniline	9.41	65	249570	43.115	ng	100
49) Acenaphthylene	9.73	152	1168092	40.813	ng	100
50) Dimethylphthalate	9.59	163	886526	41.426	ng	100
51) 2,6-Dinitrotoluene	9.65	165	195674	42.934	ng	100
52) Acenaphthene	9.90	154	674718	37.325	ng	100
53) 3-Nitroaniline	9.82	138	218618	41.408	ng	100
54) 2,4-Dinitrophenol	9.93	184	89846	39.361	ng	100
55) Dibenzofuran	10.07	168	1034409	40.633	ng	100
56) 4-Nitrophenol	9.99	139	169159	40.175	ng	100
57) 2,4-Dinitrotoluene	10.06	165	257414	44.895	ng	100
58) Fluorene	10.42	166	784348	40.290	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	228410	42.275	ng	100
60) Diethylphthalate	10.29	149	875467	41.959	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	387263	41.526	ng	100
62) 4-Nitroaniline	10.44	138	220362	42.036	ng	100
63) Azobenzene	10.57	77	884845	39.823	ng	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	134725	40.461	ng	100
66) n-Nitrosodiphenylamine	10.53	169	757789	39.443	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	264751	41.524	ng	100
68) Hexachlorobenzene	10.96	284	297802	41.388	ng	100
69) Atrazine	11.06	200	196996	41.272	ng	100
70) Pentachlorophenol	11.16	266	154798	39.174	ng	100
71) Phenanthrene	11.38	178	1206069	39.529	ng	100
72) Anthracene	11.43	178	1243366	39.489	ng	100
73) Carbazole	11.59	167	1128196	39.707	ng	100
74) Di-n-butylphthalate	11.92	149	1350884	41.193	ng	100
75) Fluoranthene	12.57	202	1309967	40.220	ng	100
77) Benzidine	12.69	184	580287	39.062	ng	100
78) Pyrene	12.80	202	1318127	40.261	ng	100
80) Butylbenzylphthalate	13.42	149	569692	43.025	ng	100
81) Benzo(a)anthracene	13.99	228	1141727	40.274	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	464888	42.004	ng	100
83) Chrysene	14.03	228	1147702	39.979	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	754033	42.627	ng	100
85) Di-n-octyl phthalate	14.59	149	1331820	42.663	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1089551	39.640	ng	100
88) Benzo(b)fluoranthene	15.03	252	1097301	38.890	ng	100
89) Benzo(k)fluoranthene	15.06	252	1105891	42.800	ng	100
90) Benzo(a)pyrene	15.40	252	975028	40.653	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	892128	38.991	ng	100
92) Benzo(g,h,i)perylene	17.36	276	869950	38.680	ng	100

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

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