Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120553.D
Acq On : 5 Jun 2020 11:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 05 16:02:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:36:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	121403	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	450298	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	221726	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	410971	20.00	ng	0.00
76) Chrysene-d12	13.98	240	383278	20.00	ng	0.00
86) Perylene-d12	15.43	264	283017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	794356	124.70	ng	0.00
7) Phenol-d6	6.46	99	835707	106.43	ng	0.00
23) Nitrobenzene-d5	7.39	82	600457	87.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	193008	93.95	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1139863	87.22	ng	0.00
79) Terphenyl-d14	12.93	244	1465910	85.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	180980	57.352	ng	100
3) Pyridine	3.29	79	477262	54.609	ng	100
4) n-Nitrosodimethylamine	3.24	42	196114	53.025	ng	100
6) Aniline	6.49	93	564287	51.541	ng	100
8) 2-Chlorophenol	6.60	128	306980	42.737	ng	100
9) Benzaldehyde	6.37	77	229651	47.989	ng	100
10) Phenol	6.47	94	489452	57.003	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	289376	40.330	ng	100
12) 1,3-Dichlorobenzene	6.76	146	341914	43.327	ng	100
13) 1,4-Dichlorobenzene	6.84	146	343742	43.659	ng	100
14) 1,2-Dichlorobenzene	6.99	146	323281	44.454	ng	100
15) Benzyl Alcohol	6.96	79	256200	43.285	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	436718	38.608	ng	100
17) 2-Methylphenol	7.07	107	262084	40.803	ng	100
18) Hexachloroethane	7.33	117	126077	43.745	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	192062	38.480	ng	100
20) 3+4-Methylphenols	7.23	107	311741	38.418	ng	100
22) Acetophenone	7.23	105	392202	42.886	ng	100
24) Nitrobenzene	7.40	77	315782	42.584	ng	100
25) Isophorone	7.64	82	548085	39.614	ng	100
26) 2-Nitrophenol	7.72	139	160087	47.882	ng	100
27) 2,4-Dimethylphenol	7.76	122	234964	40.468	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	339157	40.705	ng	100
29) 2,4-Dichlorophenol	7.96	162	251471	42.879	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	288975	43.908	ng	100
31) Naphthalene	8.12	128	860865	43.530	ng	100
32) Benzoic acid	7.87	122	151399	35.138	ng	100
33) 4-Chloroaniline	8.17	127	363610	41.486	ng	100
34) Hexachlorobutadiene	8.24	225	179341	45.972	ng	100
35) Caprolactam	8.54	113	72699	38.277	ng	100
36) 4-Chloro-3-methylphenol	8.66	107	246221	41.382	ng	100
37) 2-Methylnaphthalene	8.82	142	565079	43.139	ng	100
38) 1-Methylnaphthalene	8.92	142	527146	42.634	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	271978	47.832	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	165431	52.130	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	184353	44.830	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	208177	44.659	ng	100
46) 1,1'-Biphenyl	9.28	154	664471	45.619	ng	100
47) 2-Chloronaphthalene	9.30	162	542650	45.244	ng	100
48) 2-Nitroaniline	9.40	65	158130	43.286	ng	100
49) Acenaphthylene	9.72	152	830021	44.783	ng	100
50) Dimethylphthalate	9.58	163	599194	43.227	ng	100
51) 2,6-Dinitrotoluene	9.64	165	135229	43.898	ng	100
52) Acenaphthene	9.89	154	523199	45.230	ng	100
53) 3-Nitroaniline	9.81	138	152863	42.258	ng	100
54) 2,4-Dinitrophenol	9.92	184	64527	54.675	ng	100
55) Dibenzofuran	10.06	168	744831	44.309	ng	100
56) 4-Nitrophenol	9.97	139	110369	39.852	ng	100
57) 2,4-Dinitrotoluene	10.04	165	175157	44.427	ng	100
58) Fluorene	10.40	166	561378	44.502	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	158034	43.506	ng	100
60) Diethylphthalate	10.27	149	594338	42.429	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	292433	42.759	ng	100
62) 4-Nitroaniline	10.42	138	148600	43.513	ng	100
63) Azobenzene	10.56	77	550351	41.770	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	91368	60.953	ng	100
66) n-Nitrosodiphenylamine	10.52	169	506732	44.388	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	187470	45.191	ng	100
68) Hexachlorobenzene	10.95	284	203195	45.994	ng	100
69) Atrazine	11.04	200	140888	43.785	ng	100
70) Pentachlorophenol	11.15	266	100487	37.202	ng	100
71) Phenanthrene	11.36	178	810544	44.760	ng	100
72) Anthracene	11.42	178	818982	45.075	ng	100
73) Carbazole	11.57	167	958495	54.542	ng	100
74) Di-n-butylphthalate	11.90	149	1181413	57.791	ng	100
75) Fluoranthene	12.55	202	1120944	57.528	ng	100
77) Benzidine	12.67	184	405224	40.239	ng	100
78) Pyrene	12.78	202	1068773	40.097	ng	100
80) Butylbenzylphthalate	13.40	149	489057	43.949	ng	100
81) Benzo(a)anthracene	13.97	228	934899	45.512	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	349413	46.853	ng	100
83) Chrysene	14.01	228	937559	43.536	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	658072	50.379	ng	100
85) Di-n-octyl phthalate	14.57	149	831457	36.786	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	687953	44.443	ng	100
88) Benzo(b)fluoranthene	15.01	252	667349	42.453	ng	100
89) Benzo(k)fluoranthene	15.04	252	624910	42.583	ng	100
90) Benzo(a)pyrene	15.37	252	593683	43.177	ng	100
91) Dibenzo(a,h)anthracene	16.88	278	564496	44.730	ng	100
92) Benzo(g,h,i)perylene	17.30	276	557355	44.778	ng	100

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

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