Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120406.D
Acq On : 28 May 2020 14:18
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 28 15:21:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	277908	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1074895	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	555115	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1053706	20.00	ng	0.00
76) Chrysene-d12	14.00	240	747082	20.00	ng	0.00
86) Perylene-d12	15.44	264	690150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1199568	82.26	ng	0.00
7) Phenol-d6	6.47	99	1506816	83.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	1357524	82.61	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	428350	83.28	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2412276	73.73	ng	0.00
79) Terphenyl-d14	12.94	244	2638098	78.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	295703	40.935	ng	99
3) Pyridine	3.35	79	824181	41.196	ng	99
4) n-Nitrosodimethylamine	3.31	42	353403	41.742	ng	100
6) Aniline	6.50	93	1048311	41.829	ng	99
8) 2-Chlorophenol	6.63	128	683728	41.582	ng	100
9) Benzaldehyde	6.39	77	433658	39.586	ng	97
10) Phenol	6.48	94	836343	42.550	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	687228	41.840	ng	98
12) 1,3-Dichlorobenzene	6.78	146	758376	41.981	ng	99
13) 1,4-Dichlorobenzene	6.86	146	749167	41.567	ng	99
14) 1,2-Dichlorobenzene	7.02	146	694236	41.703	ng	99
15) Benzyl Alcohol	6.98	79	582349	42.980	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1085699	41.928	ng	100
17) 2-Methylphenol	7.09	107	615216	41.842	ng	99
18) Hexachloroethane	7.36	117	276997	41.986	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	477207	41.767	ng	98
20) 3+4-Methylphenols	7.25	107	712647	38.366	ng	95
22) Acetophenone	7.25	105	889435	40.743	ng	96
24) Nitrobenzene	7.42	77	734459	41.492	ng	100
25) Isophorone	7.66	82	1345860	40.750	ng	99
26) 2-Nitrophenol	7.74	139	341329	42.768	ng	99
27) 2,4-Dimethylphenol	7.77	122	586650	42.327	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	818581	41.157	ng	99
29) 2,4-Dichlorophenol	7.97	162	578406	41.317	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	644424	41.020	ng	99
31) Naphthalene	8.15	128	1921321	40.700	ng	100
32) Benzoic acid	7.89	122	461834	44.903	ng	98
33) 4-Chloroaniline	8.19	127	857107	40.967	ng	99
34) Hexachlorobutadiene	8.26	225	384658	41.307	ng	98
35) Caprolactam	8.57	113	180702	39.857	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	583232	41.064	ng	97
37) 2-Methylnaphthalene	8.83	142	1292890	41.348	ng	98
38) 1-Methylnaphthalene	8.93	142	1219699	41.325	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	587164	41.246	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	335462	42.223	ng	98
43) 2,4,6-Trichlorophenol	9.11	196	437177	42.462	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	470325	40.300	ng	99
46) 1,1'-Biphenyl	9.30	154	1495423	41.008	ng	98
47) 2-Chloronaphthalene	9.33	162	1228227	40.902	ng	99
48) 2-Nitroaniline	9.42	65	383746	41.957	ng	99
49) Acenaphthylene	9.74	152	1910507	41.172	ng	100
50) Dimethylphthalate	9.60	163	1404551	40.472	ng	99
51) 2,6-Dinitrotoluene	9.66	165	327056	42.406	ng	87
52) Acenaphthene	9.92	154	1189671	41.079	ng	99
53) 3-Nitroaniline	9.83	138	386059	42.627	ng	99
54) 2,4-Dinitrophenol	9.93	184	119334	42.376	ng	95
55) Dibenzofuran	10.09	168	1733367	41.187	ng	97
56) 4-Nitrophenol	9.97	139	293734	42.364	ng	98
57) 2,4-Dinitrotoluene	10.06	165	420584	42.610	ng	88
58) Fluorene	10.43	166	1235174	39.110	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	378116	41.578	ng	99
60) Diethylphthalate	10.30	149	1449974	41.345	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	637606	37.238	ng	99
62) 4-Nitroaniline	10.44	138	358441	41.923	ng	98
63) Azobenzene	10.58	77	1352540	41.002	ng	100
65) 4,6-Dinitro-2-methylphenol	10.47	198	172692	44.933	ng	83
66) n-Nitrosodiphenylamine	10.54	169	1196422	40.875	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	432977	40.708	ng	97
68) Hexachlorobenzene	10.97	284	465468	41.093	ng	100
69) Atrazine	11.06	200	347283	42.095	ng	99
70) Pentachlorophenol	11.16	266	298641	43.122	ng	98
71) Phenanthrene	11.39	178	1872468	40.329	ng	99
72) Anthracene	11.44	178	1890049	40.572	ng	99
73) Carbazole	11.59	167	1843807	40.921	ng	100
74) Di-n-butylphthalate	11.93	149	2157760	41.167	ng	100
75) Fluoranthene	12.57	202	2051207	41.058	ng	99
77) Benzidine	12.69	184	812576	41.396	ng	98
78) Pyrene	12.80	202	2113163	40.673	ng	99
80) Butylbenzylphthalate	13.42	149	913625	42.122	ng	100
81) Benzo(a)anthracene	13.99	228	1637547	40.898	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	629880	43.331	ng	99
83) Chrysene	14.03	228	1739042	41.429	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1065262	41.839	ng	99
85) Di-n-octyl phthalate	14.59	149	1934885	43.918	ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1414404	37.470	ng	100
88) Benzo(b)fluoranthene	15.03	252	1596503	41.648	ng	100
89) Benzo(k)fluoranthene	15.06	252	1498868	41.885	ng	99
90) Benzo(a)pyrene	15.39	252	1383567	41.264	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	1178338	38.289	ng	99
92) Benzo(g,h,i)perylene	17.32	276	1125847	37.092	ng	98

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

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