Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120280.D
Acq On : 14 May 2020 10:14
Operator : MA/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: May 14 10:49:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 10:46:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	360935	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1548535	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	731566	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1327063	20.00	ng	0.00
76) Chrysene-d12	13.79	240	970353	20.00	ng	0.00
87) Perylene-d12	15.17	264	933441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1485475	62.20	ng	0.00
7) Phenol-d6	6.28	99	1843530	64.37	ng	0.00
23) Nitrobenzene-d5	7.20	82	1903748	66.66	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	507644	66.48	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3228298	70.22	ng	0.00
79) Terphenyl-d14	12.73	244	3430007	67.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	238232	21.946	ng	100
3) Pyridine	2.87	79	889511	29.704	ng	100
4) n-Nitrosodimethylamine	2.83	42	354028	29.235	ng	100
6) Aniline	6.29	93	1199242	33.949	ng	100
8) 2-Chlorophenol	6.41	128	858642	34.877	ng	100
9) Benzaldehyde	6.17	77	594666	41.375	ng	100
10) Phenol	6.29	94	1091951	34.306	ng	100
11) bis(2-Chloroethyl)ether	6.37	93	845745	32.786	ng	100
12) 1,3-Dichlorobenzene	6.56	146	929729	35.902	ng	100
13) 1,4-Dichlorobenzene	6.64	146	988797	36.189	ng	100
14) 1,2-Dichlorobenzene	6.79	146	932428	38.643	ng	100
15) Benzyl Alcohol	6.78	79	716345	37.938	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1481234	38.642	ng	100
17) 2-Methylphenol	6.90	107	796952	38.362	ng	100
18) Hexachloroethane	7.13	117	384256	39.809	ng	100
19) n-Nitroso-di-n-propylamine	7.05	70	651223	37.830	ng	100
20) 3+4-Methylphenols	7.06	107	1054647	39.504	ng	100
22) Acetophenone	7.05	105	1307725	34.884	ng	100
24) Nitrobenzene	7.22	77	1022558	35.090	ng	100
25) Isophorone	7.46	82	1913905	33.537	ng	100
26) 2-Nitrophenol	7.53	139	534785	34.157	ng	100
27) 2,4-Dimethylphenol	7.58	122	773176	33.956	ng	100
28) bis(2-Chloroethoxy)methane	7.67	93	1211425	34.863	ng	100
29) 2,4-Dichlorophenol	7.78	162	785162	34.525	ng	100
30) 1,2,4-Trichlorobenzene	7.85	180	858329	33.514	ng	100
31) Naphthalene	7.93	128	2670817	34.223	ng	100
32) Benzoic acid	7.73	122	531647	35.133	ng	100
33) 4-Chloroaniline	7.99	127	1231394	35.871	ng	100
34) Hexachlorobutadiene	8.05	225	493987	33.536	ng	100
35) Caprolactam	8.37	113	255945	36.976	ng	100
36) 4-Chloro-3-methylphenol	8.49	107	820223	33.484	ng	100
37) 2-Methylnaphthalene	8.62	142	1790335	33.571	ng	100
38) 1-Methylnaphthalene	8.72	142	1724095	33.171	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	810652	36.719	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	301282	38.263 ng	100
43) 2,4,6-Trichlorophenol	8.91	196	558155	39.541 ng	100
44) 2,4,5-Trichlorophenol	8.96	196	627859	38.811 ng	100
46) 1,1'-Biphenyl	9.09	154	2115919	36.414 ng	100
47) 2-Chloronaphthalene	9.11	162	1694521	38.196 ng	100
48) 2-Nitroaniline	9.22	65	602784	38.181 ng	100
49) Acenaphthylene	9.53	152	2529733	36.499 ng	100
50) Dimethylphthalate	9.40	163	1948880	35.511 ng	100
51) 2,6-Dinitrotoluene	9.46	165	449319	37.357 ng	100
52) Acenaphthene	9.70	154	1455224	34.667 ng	100
53) 3-Nitroaniline	9.63	138	504867	35.309 ng	100
54) 2,4-Dinitrophenol	9.74	184	197442	32.873 ng	100
55) Dibenzofuran	9.87	168	2089982	34.215 ng	100
56) 4-Nitrophenol	9.82	139	281744	36.332 ng	100
57) 2,4-Dinitrotoluene	9.86	165	501686	34.171 ng	100
58) Fluorene	10.21	166	1635539	34.122 ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	451044	35.429 ng	100
60) Diethylphthalate	10.09	149	1861364	34.006 ng	100
61) 4-Chlorophenyl-phenylether	10.20	204	818943	33.815 ng	100
62) 4-Nitroaniline	10.25	138	485423	33.953 ng	100
63) Azobenzene	10.37	77	1814161	35.376 ng	100
65) 4,6-Dinitro-2-methylphenol	10.27	198	289791	32.613 ng	100
66) n-Nitrosodiphenylamine	10.33	169	1534804	32.179 ng	100
67) 4-Bromophenyl-phenylether	10.69	248	537331	32.270 ng	100
68) Hexachlorobenzene	10.76	284	547045	31.635 ng	100
69) Atrazine	10.86	200	450560	44.524 ng	100
70) Pentachlorophenol	10.96	266	249001	35.082 ng	100
71) Phenanthrene	11.17	178	2275959	34.365 ng	100
72) Anthracene	11.22	178	2464275	34.703 ng	100
73) Carbazole	11.38	167	2305904	32.426 ng	100
74) Di-n-butylphthalate	11.72	149	2829174	31.518 ng	100
75) Fluoranthene	12.36	202	2523544	32.321 ng	100
77) Benzidine	12.49	184	1148049	49.081 ng	100
78) Pyrene	12.59	202	2793975	34.769 ng	100
80) Butylbenzylphthalate	13.21	149	1319511	34.556 ng	100
81) Benzo(a)anthracene	13.77	228	2038749	33.218 ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	823644	37.033 ng	100
83) Chrysene	13.82	228	2242837	33.598 ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1609317	33.184 ng	100
85) Di-n-octyl phthalate	14.39	149	3007972	33.519 ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1966036	32.039 ng	100
88) Benzo(b)fluoranthene	14.79	252	2185452	35.409 ng	100
89) Benzo(k)fluoranthene	14.82	252	1754974	32.007 ng	100
90) Benzo(a)pyrene	15.12	252	1872927	34.232 ng	100
91) Dibenzo(a,h)anthracene	16.52	278	1616790	32.816 ng	100
92) Benzo(g,h,i)perylene	16.90	276	1598421	32.587 ng	100

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

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