Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120339.D
Acq On : 18 May 2020 14:08
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 18 15:24:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:23:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	330963	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	1279359	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	649383	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1198067	20.00	ng		0.00
76) Chrysene-d12	13.76	240	856027	20.00	ng		0.00
87) Perylene-d12	15.14	264	832226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1443244	84.85	ng		0.00
7) Phenol-d6	6.26	99	1775305	82.53	ng		0.00
23) Nitrobenzene-d5	7.17	82	1644327	88.00	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	440596	83.21	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2863301	90.59	ng		0.00
79) Terphenyl-d14	12.71	244	3012188	77.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	287247	42.452	ng		95
3) Pyridine	2.86	79	970123	45.610	ng		97
4) n-Nitrosodimethylamine	2.83	42	380114	45.640	ng		100
6) Aniline	6.27	93	1134747	41.249	ng		99
8) 2-Chlorophenol	6.39	128	810163	40.849	ng		99
9) Benzaldehyde	6.15	77	538392	40.601	ng		98
10) Phenol	6.27	94	1048612	41.760	ng		92
11) bis(2-Chloroethyl)ether	6.35	93	783492	39.061	ng		96
12) 1,3-Dichlorobenzene	6.54	146	867343	40.869	ng		98
13) 1,4-Dichlorobenzene	6.62	146	894134	40.907	ng		97
14) 1,2-Dichlorobenzene	6.77	146	802151	40.753	ng		98
15) Benzyl Alcohol	6.76	79	641655	41.988	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1359980	43.024	ng		92
17) 2-Methylphenol	6.88	107	689596	41.188	ng		97
18) Hexachloroethane	7.11	117	333361	40.035	ng		99
19) n-Nitroso-di-n-propylamine	7.03	70	547685	38.864	ng		96
20) 3+4-Methylphenols	7.04	107	899786	41.335	ng		97
22) Acetophenone	7.02	105	1135094	43.309	ng	#	97
24) Nitrobenzene	7.19	77	854856	42.509	ng		95
25) Isophorone	7.43	82	1596731	41.069	ng		99
26) 2-Nitrophenol	7.51	139	451855	42.962	ng		94
27) 2,4-Dimethylphenol	7.56	122	643330	42.049	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	1001606	40.986	ng		100
29) 2,4-Dichlorophenol	7.76	162	657733	41.858	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	720662	41.387	ng		98
31) Naphthalene	7.91	128	2276860	42.168	ng		100
32) Benzoic acid	7.72	122	418271	41.708	ng		99
33) 4-Chloroaniline	7.97	127	997208	40.526	ng		98
34) Hexachlorobutadiene	8.03	225	418539	41.585	ng		96
35) Caprolactam	8.36	113	205925	40.058	ng		94
36) 4-Chloro-3-methylphenol	8.47	107	703502	41.386	ng		98
37) 2-Methylnaphthalene	8.60	142	1491641	40.369	ng		98
38) 1-Methylnaphthalene	8.70	142	1436563	40.086	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	670696	40.960	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	222381	36.823 ng	99
43) 2,4,6-Trichlorophenol	8.89	196	456122	41.499 ng	100
44) 2,4,5-Trichlorophenol	8.94	196	518062	41.042 ng	99
46) 1,1'-Biphenyl	9.07	154	1749565	41.119 ng	100
47) 2-Chloronaphthalene	9.09	162	1418768	41.569 ng	100
48) 2-Nitroaniline	9.20	65	518257	41.618 ng	99
49) Acenaphthylene	9.50	152	2144730	41.138 ng	100
50) Dimethylphthalate	9.38	163	1622761	39.531 ng	99
51) 2,6-Dinitrotoluene	9.44	165	366097	39.958 ng	98
52) Acenaphthene	9.67	154	1289988	41.279 ng	99
53) 3-Nitroaniline	9.61	138	440196	40.289 ng	97
54) 2,4-Dinitrophenol	9.72	184	177526	41.049 ng	96
55) Dibenzofuran	9.85	168	1874941	41.663 ng	99
56) 4-Nitrophenol	9.80	139	239489	40.794 ng	97
57) 2,4-Dinitrotoluene	9.85	165	442052	41.131 ng	96
58) Fluorene	10.19	166	1454806	42.448 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	403228	42.448 ng	100
60) Diethylphthalate	10.07	149	1626920	41.051 ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	731669	41.061 ng	95
62) 4-Nitroaniline	10.23	138	447672	44.002 ng	99
63) Azobenzene	10.35	77	1593160	42.534 ng	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	263892	43.554 ng	95
66) n-Nitrosodiphenylamine	10.31	169	1351442	40.773 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	466808	40.153 ng	95
68) Hexachlorobenzene	10.74	284	483484	39.752 ng	94
69) Atrazine	10.84	200	383661	38.683 ng	99
70) Pentachlorophenol	10.94	266	213289	41.232 ng	99
71) Phenanthrene	11.15	178	2093132	41.578 ng	100
72) Anthracene	11.20	178	2244181	41.641 ng	99
73) Carbazole	11.36	167	2111920	41.940 ng	99
74) Di-n-butylphthalate	11.69	149	2514852	41.439 ng	99
75) Fluoranthene	12.33	202	2339460	43.356 ng	98
77) Benzidine	12.46	184	1071114	42.849 ng	99
78) Pyrene	12.56	202	2368120	38.805 ng	100
80) Butylbenzylphthalate	13.19	149	1087196	37.833 ng	98
81) Benzo(a)anthracene	13.75	228	1841711	40.791 ng	99
82) 3,3'-Dichlorobenzidine	13.72	252	726425	42.694 ng	99
83) Chrysene	13.79	228	1973246	40.700 ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1355714	37.919 ng	99
85) Di-n-octyl phthalate	14.36	149	2538386	39.466 ng	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1896986	43.111 ng	100
88) Benzo(b)fluoranthene	14.76	252	1920615	42.258 ng	98
89) Benzo(k)fluoranthene	14.79	252	1686955	42.841 ng	100
90) Benzo(a)pyrene	15.09	252	1674842	41.090 ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1551643	42.970 ng	99
92) Benzo(g,h,i)perylene	16.85	276	1551779	42.616 ng	99

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

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