Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
Data File : BF121589.D
Acq On : 16 Sep 2020 10:37
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 16 11:30:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	166668	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	619406	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	323161	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	602879	20.00	ng		0.00
76) Chrysene-d12	13.99	240	481243	20.00	ng		0.00
86) Perylene-d12	15.43	264	461196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	953828	85.05	ng		0.00
7) Phenol-d6	6.47	99	1271473	86.42	ng		0.00
23) Nitrobenzene-d5	7.39	82	1065928	92.40	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	372555	92.76	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1774843	83.18	ng		0.00
79) Terphenyl-d14	12.93	244	2009690	84.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	219822	42.665	ng		99
3) Pyridine	3.31	79	621919	43.663	ng		99
4) n-Nitrosodimethylamine	3.27	42	291267	44.085	ng		100
6) Aniline	6.49	93	794169	41.444	ng		98
8) 2-Chlorophenol	6.62	128	498436	43.652	ng		96
9) Benzaldehyde	6.37	77	368513	38.313	ng		99
10) Phenol	6.48	94	658224	42.011	ng		78
11) bis(2-Chloroethyl)ether	6.56	93	519474	43.991	ng		99
12) 1,3-Dichlorobenzene	6.77	146	552059	43.317	ng		100
13) 1,4-Dichlorobenzene	6.85	146	551567	43.101	ng		100
14) 1,2-Dichlorobenzene	7.00	146	508374	43.124	ng		99
15) Benzyl Alcohol	6.97	79	450972	45.095	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	808940	42.570	ng		97
17) 2-Methylphenol	7.09	107	431241	44.387	ng		96
18) Hexachloroethane	7.34	117	200930	43.851	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	361542	42.636	ng		99
20) 3+4-Methylphenols	7.24	107	487867	41.794	ng	#	88
22) Acetophenone	7.24	105	676849	43.069	ng	#	93
24) Nitrobenzene	7.41	77	564944	45.278	ng		100
25) Isophorone	7.65	82	1020988	43.965	ng		100
26) 2-Nitrophenol	7.73	139	266357	45.487	ng		100
27) 2,4-Dimethylphenol	7.77	122	444452	42.875	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	621876	43.256	ng		98
29) 2,4-Dichlorophenol	7.97	162	424694	44.981	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	437094	43.957	ng		100
31) Naphthalene	8.13	128	1426957	43.641	ng		100
32) Benzoic acid	7.90	122	308858	41.100	ng		97
33) 4-Chloroaniline	8.18	127	623508	43.991	ng		99
34) Hexachlorobutadiene	8.25	225	256853	44.007	ng		99
35) Caprolactam	8.56	113	148054	47.088	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	458515	45.081	ng		98
37) 2-Methylnaphthalene	8.82	142	938512	43.799	ng		100
38) 1-Methylnaphthalene	8.92	142	876724	43.963	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	434790	43.072	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	261818	45.417 ng	99
43) 2,4,6-Trichlorophenol	9.10	196	308584	44.849 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	325391	44.734 ng	96
46) 1,1'-Biphenyl	9.29	154	1105051	42.714 ng	99
47) 2-Chloronaphthalene	9.31	162	881222	43.224 ng	99
48) 2-Nitroaniline	9.40	65	306063	48.311 ng	99
49) Acenaphthylene	9.73	152	1367965	43.671 ng	100
50) Dimethylphthalate	9.59	163	1028573	43.914 ng	98
51) 2,6-Dinitrotoluene	9.65	165	236721	47.457 ng	100
52) Acenaphthene	9.90	154	825461	41.722 ng	99
53) 3-Nitroaniline	9.82	138	269995	46.724 ng	91
54) 2,4-Dinitrophenol	9.92	184	115635	44.695 ng	91
55) Dibenzofuran	10.07	168	1214409	43.586 ng	99
56) 4-Nitrophenol	9.99	139	219338	47.596 ng	93
57) 2,4-Dinitrotoluene	10.05	165	311601	49.654 ng	98
58) Fluorene	10.41	166	926812	43.498 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	264460	44.722 ng	98
60) Diethylphthalate	10.29	149	984291	43.102 ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	439297	43.040 ng	97
62) 4-Nitroaniline	10.43	138	269483	46.969 ng	99
63) Azobenzene	10.56	77	1047418	43.071 ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	170253	46.303 ng	88
66) n-Nitrosodiphenylamine	10.52	169	889257	42.994 ng	100
67) 4-Bromophenyl-phenylether	10.89	248	300355	43.758 ng	99
68) Hexachlorobenzene	10.96	284	333983	43.115 ng	98
69) Atrazine	11.05	200	202720	39.450 ng	99
70) Pentachlorophenol	11.15	266	176443	41.475 ng	98
71) Phenanthrene	11.37	178	1408086	42.868 ng	100
72) Anthracene	11.42	178	1453513	42.880 ng	100
73) Carbazole	11.58	167	1336165	43.681 ng	99
74) Di-n-butylphthalate	11.91	149	1487797	42.142 ng	99
75) Fluoranthene	12.56	202	1515377	43.217 ng	100
77) Benzidine	12.68	184	652692	40.910 ng	99
78) Pyrene	12.79	202	1545617	43.958 ng	100
80) Butylbenzylphthalate	13.40	149	641002	45.077 ng	97
81) Benzo(a)anthracene	13.97	228	1346895	44.239 ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	550793	46.339 ng	99
83) Chrysene	14.02	228	1348881	43.752 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	799119	42.065 ng	99
85) Di-n-octyl phthalate	14.57	149	1386857	41.366 ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1289903	42.947 ng	99
88) Benzo(b)fluoranthene	15.02	252	1436454	46.591 ng	99
89) Benzo(k)fluoranthene	15.04	252	1154195	40.880 ng	99
90) Benzo(a)pyrene	15.38	252	1174936	44.831 ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1058775	42.348 ng	98
92) Benzo(g,h,i)perylene	17.32	276	1056991	43.009 ng	98

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

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