Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119706.D
Acq On : 2 Apr 2020 9:22
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 02 10:01:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	257598	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	906114	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	414750	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	655030	20.00	ng		0.00
76) Chrysene-d12	13.99	240	429984	20.00	ng		0.00
87) Perylene-d12	15.44	264	405137	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1222037	75.52	ng		0.00
7) Phenol-d6	6.45	99	1555658	75.26	ng		0.00
23) Nitrobenzene-d5	7.39	82	1365441	81.90	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	336288	78.59	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2325198	83.06	ng		0.00
79) Terphenyl-d14	12.93	244	1822507	83.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	280385	35.083	ng		98
3) Pyridine	3.25	79	777655	35.320	ng		93
4) n-Nitrosodimethylamine	3.21	42	353422	32.916	ng		94
6) Aniline	6.48	93	1030021	36.104	ng		98
8) 2-Chlorophenol	6.60	128	671016	39.482	ng		96
9) Benzaldehyde	6.36	77	464534	35.425	ng		97
10) Phenol	6.46	94	872861	39.574	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	685996	38.887	ng		99
12) 1,3-Dichlorobenzene	6.76	146	726233	39.482	ng		97
13) 1,4-Dichlorobenzene	6.83	146	719158	39.087	ng		97
14) 1,2-Dichlorobenzene	6.99	146	677031	39.368	ng		98
15) Benzyl Alcohol	6.96	79	564481	36.303	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1265609	35.569	ng		98
17) 2-Methylphenol	7.07	107	591382	37.978	ng		99
18) Hexachloroethane	7.33	117	200284	29.704	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	465201	37.337	ng		97
20) 3+4-Methylphenols	7.23	107	697176	36.532	ng	#	83
22) Acetophenone	7.23	105	818828	37.819	ng		97
24) Nitrobenzene	7.40	77	689645	38.706	ng		98
25) Isophorone	7.65	82	1322187	39.094	ng		99
26) 2-Nitrophenol	7.72	139	295954	42.186	ng		92
27) 2,4-Dimethylphenol	7.76	122	532174	36.686	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	811379	40.571	ng		100
29) 2,4-Dichlorophenol	7.96	162	528510	39.651	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	590570	40.064	ng		98
31) Naphthalene	8.13	128	1817646	38.980	ng		99
32) Benzoic acid	7.87	122	292090	31.302	ng		92
33) 4-Chloroaniline	8.17	127	794037	37.163	ng		99
34) Hexachlorobutadiene	8.25	225	354477	42.980	ng		100
35) Caprolactam	8.55	113	158997	36.448	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	547622	37.591	ng		98
37) 2-Methylnaphthalene	8.82	142	1181532	38.609	ng		98
38) 1-Methylnaphthalene	8.92	142	1105807	38.176	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	541997	44.584	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	27741	4.014 ng		96
43) 2,4,6-Trichlorophenol	9.09	196	370981	42.644 ng		100
44) 2,4,5-Trichlorophenol	9.13	196	399500	40.993 ng		98
46) 1,1'-Biphenyl	9.29	154	1443588	42.736 ng		97
47) 2-Chloronaphthalene	9.31	162	1092504	41.289 ng		98
48) 2-Nitroaniline	9.40	65	407563	44.626 ng		90
49) Acenaphthylene	9.72	152	1632936	39.299 ng		99
50) Dimethylphthalate	9.59	163	1313970	44.602 ng		99
51) 2,6-Dinitrotoluene	9.65	165	265453	42.038 ng		99
52) Acenaphthene	9.90	154	969359	37.422 ng		99
53) 3-Nitroaniline	9.82	138	340253	42.681 ng		91
54) 2,4-Dinitrophenol	9.92	184	7202	9.670 ng	#	80
55) Dibenzofuran	10.07	168	1432850	38.580 ng		99
56) 4-Nitrophenol	9.97	139	214813	34.158 ng		89
57) 2,4-Dinitrotoluene	10.05	165	325404	40.908 ng		95
58) Fluorene	10.41	166	1057332	38.499 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	276953	38.019 ng		98
60) Diethylphthalate	10.28	149	1318192	44.087 ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	562908	41.913 ng		97
62) 4-Nitroaniline	10.43	138	318690	41.688 ng		93
63) Azobenzene	10.56	77	1129625	37.517 ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	15126	5.507 ng		82
66) n-Nitrosodiphenylamine	10.52	169	993565	46.205 ng		99
67) 4-Bromophenyl-phenylether	10.89	248	349476	46.847 ng		96
68) Hexachlorobenzene	10.96	284	333783	43.717 ng		98
69) Atrazine	11.04	200	251106	42.595 ng		100
70) Pentachlorophenol	11.15	266	167794	37.480 ng		98
71) Phenanthrene	11.37	178	1353519	39.850 ng		98
72) Anthracene	11.42	178	1375441	39.845 ng		98
73) Carbazole	11.57	167	1303402	38.147 ng		98
74) Di-n-butylphthalate	11.91	149	1833986	50.176 ng		100
75) Fluoranthene	12.56	202	1299250	35.346 ng		96
77) Benzidine	12.68	184	733068	40.285 ng		99
78) Pyrene	12.79	202	1299164	36.816 ng		97
80) Butylbenzylphthalate	13.41	149	639728	44.822 ng		100
81) Benzo(a)anthracene	13.98	228	1086694	38.864 ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	465851	42.255 ng		100
83) Chrysene	14.02	228	1097287	38.025 ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	891628	52.405 ng		99
85) Di-n-octyl phthalate	14.58	149	1560604	52.154 ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	914150	33.636 ng		100
88) Benzo(b)fluoranthene	15.02	252	1042114	38.507 ng		98
89) Benzo(k)fluoranthene	15.05	252	1048246	40.678 ng		99
90) Benzo(a)pyrene	15.39	252	948591	38.569 ng		98
91) Dibenzo(a,h)anthracene	16.92	278	772299	35.901 ng		99
92) Benzo(g,h,i)perylene	17.33	276	699779	32.380 ng		97

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

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