Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119417.D
Acq On : 18 Mar 2020 15:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 19 01:15:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	276677	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1028396	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	517776	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	944940	20.00	ng		0.00
76) Chrysene-d12	14.03	240	647331	20.00	ng		0.00
87) Perylene-d12	15.50	264	554213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1423945	81.93	ng		0.00
7) Phenol-d6	6.47	99	1831237	82.48	ng		0.00
23) Nitrobenzene-d5	7.42	82	1584730	83.75	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	455636	85.30	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2765432	79.13	ng		0.00
79) Terphenyl-d14	12.98	244	2852765	86.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	349918	40.764	ng		98
3) Pyridine	3.34	79	944924	39.957	ng		99
4) n-Nitrosodimethylamine	3.29	42	461357	40.005	ng		97
6) Aniline	6.52	93	1241424	40.514	ng		99
8) 2-Chlorophenol	6.64	128	773512	42.375	ng		100
9) Benzaldehyde	6.40	77	606065	43.031	ng		100
10) Phenol	6.49	94	966254	40.787	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	793973	41.905	ng		98
12) 1,3-Dichlorobenzene	6.80	146	829024	41.962	ng		99
13) 1,4-Dichlorobenzene	6.87	146	830996	42.051	ng		99
14) 1,2-Dichlorobenzene	7.03	146	778839	42.165	ng		99
15) Benzyl Alcohol	6.99	79	702837	42.084	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1626885	42.569	ng		100
17) 2-Methylphenol	7.10	107	695184	41.565	ng		97
18) Hexachloroethane	7.37	117	308089	42.542	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	556644	41.596	ng		99
20) 3+4-Methylphenols	7.26	107	861566	42.033	ng		99
22) Acetophenone	7.27	105	992612	40.394	ng		99
24) Nitrobenzene	7.44	77	828080	40.949	ng		99
25) Isophorone	7.68	82	1544505	40.237	ng		99
26) 2-Nitrophenol	7.76	139	355715	44.675	ng		97
27) 2,4-Dimethylphenol	7.79	122	676826	41.109	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	922383	40.637	ng		99
29) 2,4-Dichlorophenol	7.99	162	617066	40.790	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	694986	41.542	ng		100
31) Naphthalene	8.16	128	2165976	40.927	ng		99
32) Benzoic acid	7.90	122	471129	44.486	ng		98
33) 4-Chloroaniline	8.21	127	960326	39.601	ng		99
34) Hexachlorobutadiene	8.29	225	398849	42.610	ng		99
35) Caprolactam	8.58	113	195114	39.409	ng	#	89
36) 4-Chloro-3-methylphenol	8.69	107	663215	40.112	ng		99
37) 2-Methylnaphthalene	8.86	142	1436084	41.347	ng		100
38) 1-Methylnaphthalene	8.96	142	1345554	40.930	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	626096	41.254	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	367830	42.632	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	450816	41.509	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	507228	41.691	ng		99
46) 1,1'-Biphenyl	9.32	154	1746447	41.414	ng		99
47) 2-Chloronaphthalene	9.35	162	1350224	40.876	ng		100
48) 2-Nitroaniline	9.44	65	481659	42.245	ng		99
49) Acenaphthylene	9.76	152	2102781	40.537	ng		100
50) Dimethylphthalate	9.62	163	1519797	41.324	ng		99
51) 2,6-Dinitrotoluene	9.68	165	336368	42.669	ng		97
52) Acenaphthene	9.94	154	1327720	41.057	ng		99
53) 3-Nitroaniline	9.85	138	405483	40.743	ng		98
54) 2,4-Dinitrophenol	9.95	184	129320	41.739	ng		95
55) Dibenzofuran	10.11	168	1888592	40.733	ng		99
56) 4-Nitrophenol	10.00	139	325113	41.410	ng		98
57) 2,4-Dinitrotoluene	10.08	165	426963	42.995	ng	#	83
58) Fluorene	10.45	166	1382851	40.332	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	381393	41.938	ng		98
60) Diethylphthalate	10.33	149	1548633	41.488	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	693270	41.348	ng		98
62) 4-Nitroaniline	10.46	138	384638	40.303	ng		99
63) Azobenzene	10.60	77	1549330	41.218	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	184763	46.629	ng		98
66) n-Nitrosodiphenylamine	10.56	169	1289523	41.569	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	455808	42.355	ng		99
68) Hexachlorobenzene	11.00	284	470386	42.707	ng		99
69) Atrazine	11.09	200	360110	42.344	ng		99
70) Pentachlorophenol	11.19	266	280818	43.482	ng		97
71) Phenanthrene	11.42	178	2051736	41.874	ng		100
72) Anthracene	11.47	178	2104300	42.256	ng		99
73) Carbazole	11.62	167	2011879	40.817	ng		98
74) Di-n-butylphthalate	11.96	149	2320746	44.014	ng		100
75) Fluoranthene	12.60	202	2187987	41.262	ng		99
77) Benzidine	12.72	184	1177583	42.985	ng		97
78) Pyrene	12.83	202	2237254	42.112	ng		100
80) Butylbenzylphthalate	13.46	149	933861	43.462	ng		97
81) Benzo(a)anthracene	14.02	228	1729855	41.094	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	685501	41.301	ng		96
83) Chrysene	14.06	228	1788834	41.176	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1124656	43.907	ng	#	99
85) Di-n-octyl phthalate	14.63	149	1868377	41.475	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1381302	33.760	ng		99
88) Benzo(b)fluoranthene	15.07	252	1650959	44.595	ng		99
89) Benzo(k)fluoranthene	15.10	252	1435155	40.711	ng		100
90) Benzo(a)pyrene	15.44	252	1404292	41.739	ng		97
91) Dibenzo(a,h)anthracene	16.99	278	1134890	38.565	ng		99
92) Benzo(g,h,i)perylene	17.41	276	1120601	37.904	ng		98

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

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