Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119811.D
Acq On : 7 Apr 2020 10:21
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 07 11:16:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	197125	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	713965	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	358979	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	677110	20.00	ng		0.00
76) Chrysene-d12	13.96	240	501134	20.00	ng		0.00
87) Perylene-d12	15.40	264	504660	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	969632	78.30	ng		0.00
7) Phenol-d6	6.42	99	1240926	78.45	ng		0.00
23) Nitrobenzene-d5	7.35	82	1107274	84.29	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	337809	91.21	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2014711	83.15	ng		0.00
79) Terphenyl-d14	12.90	244	2094490	81.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	219363	35.868	ng		97
3) Pyridine	3.19	79	588229	34.912	ng		95
4) n-Nitrosodimethylamine	3.14	42	275241	33.499	ng		98
6) Aniline	6.45	93	805853	36.912	ng		97
8) 2-Chlorophenol	6.57	128	524560	40.333	ng		98
9) Benzaldehyde	6.33	77	343030	34.184	ng		98
10) Phenol	6.43	94	694467	41.145	ng		89
11) bis(2-Chloroethyl)ether	6.52	93	519714	38.499	ng		99
12) 1,3-Dichlorobenzene	6.72	146	567783	40.337	ng		96
13) 1,4-Dichlorobenzene	6.80	146	571429	40.586	ng		98
14) 1,2-Dichlorobenzene	6.96	146	538368	40.909	ng		98
15) Benzyl Alcohol	6.93	79	453207	38.088	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	933024	34.266	ng		99
17) 2-Methylphenol	7.04	107	466691	39.165	ng		98
18) Hexachloroethane	7.30	117	210660	40.828	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	358062	37.554	ng		97
20) 3+4-Methylphenols	7.19	107	571399	39.127	ng	#	88
22) Acetophenone	7.20	105	672390	39.413	ng	#	90
24) Nitrobenzene	7.37	77	557008	39.675	ng		99
25) Isophorone	7.61	82	1015740	38.116	ng		99
26) 2-Nitrophenol	7.69	139	281977	51.011	ng		91
27) 2,4-Dimethylphenol	7.73	122	420926	36.826	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	605030	38.395	ng		100
29) 2,4-Dichlorophenol	7.93	162	426794	40.638	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	475783	40.964	ng		100
31) Naphthalene	8.09	128	1507156	41.021	ng		99
32) Benzoic acid	7.85	122	279722	38.044	ng		99
33) 4-Chloroaniline	8.14	127	649404	38.573	ng		100
34) Hexachlorobutadiene	8.21	225	282078	43.407	ng		100
35) Caprolactam	8.52	113	129158	37.577	ng		97
36) 4-Chloro-3-methylphenol	8.63	107	451631	39.345	ng		98
37) 2-Methylnaphthalene	8.79	142	979048	40.602	ng		98
38) 1-Methylnaphthalene	8.89	142	917893	40.217	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	448724	42.646	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	219522	36.698 ng	100
43) 2,4,6-Trichlorophenol	9.06	196	312624	41.518 ng	99
44) 2,4,5-Trichlorophenol	9.10	196	351628	41.686 ng	95
46) 1,1'-Biphenyl	9.25	154	1234798	42.234 ng	97
47) 2-Chloronaphthalene	9.27	162	941272	41.101 ng	99
48) 2-Nitroaniline	9.37	65	332509	42.064 ng	99
49) Acenaphthylene	9.69	152	1452591	40.390 ng	98
50) Dimethylphthalate	9.56	163	1045511	41.003 ng	99
51) 2,6-Dinitrotoluene	9.62	165	238386	43.617 ng	99
52) Acenaphthene	9.86	154	912098	40.681 ng	99
53) 3-Nitroaniline	9.79	138	283251	41.051 ng	90
54) 2,4-Dinitrophenol	9.89	184	90490	42.058 ng	99
55) Dibenzofuran	10.03	168	1302722	40.526 ng	100
56) 4-Nitrophenol	9.94	139	205175	37.694 ng	97
57) 2,4-Dinitrotoluene	10.02	165	314898	45.737 ng	97
58) Fluorene	10.38	166	987665	41.549 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	261809	41.523 ng	99
60) Diethylphthalate	10.26	149	1061114	41.002 ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	494620	42.550 ng	97
62) 4-Nitroaniline	10.40	138	273606	41.351 ng	99
63) Azobenzene	10.53	77	1017157	39.030 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	143920	50.688 ng	95
66) n-Nitrosodiphenylamine	10.49	169	886693	39.890 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	325732	42.240 ng	95
68) Hexachlorobenzene	10.93	284	332917	42.181 ng	93
69) Atrazine	11.02	200	246681	40.480 ng	97
70) Pentachlorophenol	11.12	266	184933	39.961 ng	99
71) Phenanthrene	11.34	178	1410821	40.183 ng	99
72) Anthracene	11.39	178	1433403	40.170 ng	99
73) Carbazole	11.54	167	1388369	39.308 ng	99
74) Di-n-butylphthalate	11.88	149	1617939	42.822 ng	100
75) Fluoranthene	12.53	202	1521548	40.044 ng	99
77) Benzidine	12.65	184	619994	29.234 ng	100
78) Pyrene	12.76	202	1572906	38.245 ng	99
80) Butylbenzylphthalate	13.38	149	690874	41.533 ng	95
81) Benzo(a)anthracene	13.95	228	1290725	39.607 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	495098	38.532 ng	98
83) Chrysene	13.99	228	1298769	38.617 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	892378	45.003 ng	100
85) Di-n-octyl phthalate	14.56	149	1605935	46.049 ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1318275	41.619 ng	99
88) Benzo(b)fluoranthene	14.99	252	1295374	38.426 ng	98
89) Benzo(k)fluoranthene	15.02	252	1296867	40.401 ng	100
90) Benzo(a)pyrene	15.34	252	1217125	39.728 ng	98
91) Dibenzo(a,h)anthracene	16.85	278	1084308	40.465 ng	100
92) Benzo(g,h,i)perylene	17.26	276	1060592	39.397 ng	98

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

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