Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119801.D
Acq On : 7 Apr 2020 5:21
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 07 06:01:31 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	200933	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	745247	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	375943	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	708296	20.00	ng		0.00
76) Chrysene-d12	13.96	240	528428	20.00	ng		0.00
87) Perylene-d12	15.40	264	556222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	988768	78.34	ng		0.00
7) Phenol-d6	6.42	99	1269060	78.71	ng		0.00
23) Nitrobenzene-d5	7.35	82	1117265	81.48	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	356349	91.88	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2042656	80.49	ng		0.00
79) Terphenyl-d14	12.90	244	2155780	79.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	222045	35.618	ng		96
3) Pyridine	3.18	79	590491	34.382	ng		94
4) n-Nitrosodimethylamine	3.14	42	276661	33.033	ng		94
6) Aniline	6.45	93	791666	35.575	ng		98
8) 2-Chlorophenol	6.57	128	538688	40.635	ng		97
9) Benzaldehyde	6.33	77	337819	33.027	ng		99
10) Phenol	6.43	94	708649	41.190	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	524606	38.125	ng		100
12) 1,3-Dichlorobenzene	6.72	146	589300	41.072	ng		96
13) 1,4-Dichlorobenzene	6.80	146	587892	40.964	ng		98
14) 1,2-Dichlorobenzene	6.96	146	551254	41.094	ng		99
15) Benzyl Alcohol	6.93	79	463630	38.226	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	954035	34.373	ng		99
17) 2-Methylphenol	7.04	107	475782	39.171	ng		99
18) Hexachloroethane	7.30	117	217020	41.263	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	369333	38.002	ng		96
20) 3+4-Methylphenols	7.19	107	579045	38.899	ng	#	86
22) Acetophenone	7.20	105	683385	38.376	ng	#	92
24) Nitrobenzene	7.37	77	569674	38.874	ng		99
25) Isophorone	7.61	82	1047203	37.647	ng		99
26) 2-Nitrophenol	7.69	139	286920	49.726	ng		89
27) 2,4-Dimethylphenol	7.72	122	429687	36.014	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	626808	38.107	ng		100
29) 2,4-Dichlorophenol	7.93	162	440549	40.187	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	491682	40.556	ng		99
31) Naphthalene	8.09	128	1550490	40.429	ng		98
32) Benzoic acid	7.85	122	313393	40.835	ng		96
33) 4-Chloroaniline	8.14	127	661005	37.614	ng		99
34) Hexachlorobutadiene	8.21	225	286898	42.295	ng		99
35) Caprolactam	8.52	113	131698	36.707	ng		93
36) 4-Chloro-3-methylphenol	8.62	107	470475	39.266	ng		96
37) 2-Methylnaphthalene	8.79	142	1018774	40.476	ng		98
38) 1-Methylnaphthalene	8.89	142	962093	40.384	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	462462	41.969	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	247938	39.578	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	325959	41.336	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	365235	41.346	ng		94
46) 1,1'-Biphenyl	9.25	154	1249738	40.816	ng		99
47) 2-Chloronaphthalene	9.27	162	972123	40.532	ng		99
48) 2-Nitroaniline	9.37	65	345250	41.705	ng		98
49) Acenaphthylene	9.69	152	1506696	40.004	ng		98
50) Dimethylphthalate	9.56	163	1082889	40.552	ng		99
51) 2,6-Dinitrotoluene	9.62	165	247746	43.284	ng		97
52) Acenaphthene	9.86	154	958497	40.822	ng		99
53) 3-Nitroaniline	9.78	138	295941	40.955	ng		98
54) 2,4-Dinitrophenol	9.89	184	126950	53.872	ng		99
55) Dibenzofuran	10.03	168	1358941	40.368	ng		99
56) 4-Nitrophenol	9.94	139	217842	38.215	ng		98
57) 2,4-Dinitrotoluene	10.02	165	326838	45.329	ng		95
58) Fluorene	10.38	166	1036069	41.619	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	279105	42.269	ng		98
60) Diethylphthalate	10.25	149	1105976	40.807	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	513607	42.190	ng		98
62) 4-Nitroaniline	10.40	138	289014	41.709	ng		97
63) Azobenzene	10.53	77	1049672	38.460	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	167623	56.437	ng		94
66) n-Nitrosodiphenylamine	10.49	169	923764	39.728	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	336384	41.701	ng		95
68) Hexachlorobenzene	10.93	284	345704	41.873	ng		93
69) Atrazine	11.02	200	255053	40.011	ng		98
70) Pentachlorophenol	11.12	266	205323	42.414	ng		99
71) Phenanthrene	11.34	178	1482206	40.357	ng		98
72) Anthracene	11.39	178	1493872	40.021	ng		99
73) Carbazole	11.55	167	1465852	39.675	ng		98
74) Di-n-butylphthalate	11.88	149	1696334	42.920	ng		100
75) Fluoranthene	12.53	202	1603546	40.343	ng		99
77) Benzidine	12.65	184	281951	12.608	ng		98
78) Pyrene	12.76	202	1634986	37.701	ng		98
80) Butylbenzylphthalate	13.38	149	722081	41.167	ng		98
81) Benzo(a)anthracene	13.95	228	1344293	39.121	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	496547	36.649	ng		99
83) Chrysene	13.99	228	1369474	38.616	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	915633	43.790	ng	#	98
85) Di-n-octyl phthalate	14.56	149	1658186	45.092	ng		98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1483885	44.428	ng		99
88) Benzo(b)fluoranthene	14.99	252	1428700	38.452	ng		99
89) Benzo(k)fluoranthene	15.02	252	1367794	38.660	ng		99
90) Benzo(a)pyrene	15.34	252	1318126	39.037	ng		99
91) Dibenzo(a,h)anthracene	16.85	278	1225013	41.478	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1191145	40.145	ng		98

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

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