Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119130.D
Acq On : 28 Feb 2020 14:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 02 04:44:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178457	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	677601	20.00	ng		-0.02
39) Acenaphthene-d10	9.77	164	384793	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	705588	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	482465	20.00	ng		-0.01
87) Perylene-d12	15.31	264	437288	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	845164	79.15	ng		-0.01
7) Phenol-d6	6.39	99	1052246	81.02	ng		-0.02
23) Nitrobenzene-d5	7.30	82	1038218	80.90	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	409260	81.30	ng		-0.01
45) 2-Fluorobiphenyl	9.10	172	2051103	78.53	ng		-0.01
79) Terphenyl-d14	12.83	244	2381428	84.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	174698	36.744	ng		98
3) Pyridine	3.14	79	488124	37.593	ng		98
4) n-Nitrosodimethylamine	3.09	42	160321	40.759	ng		100
6) Aniline	6.40	93	641323	40.020	ng	#	69
8) 2-Chlorophenol	6.53	128	470163	40.798	ng		98
9) Benzaldehyde	6.29	77	314330	36.226	ng		99
10) Phenol	6.40	94	561282	39.974	ng		96
11) bis(2-Chloroethyl)ether	6.47	93	444428	41.367	ng		99
12) 1,3-Dichlorobenzene	6.67	146	563121	40.769	ng		96
13) 1,4-Dichlorobenzene	6.75	146	566647	40.996	ng		99
14) 1,2-Dichlorobenzene	6.91	146	522219	41.427	ng		96
15) Benzyl Alcohol	6.89	79	405645	43.217	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	385285	41.399	ng		98
17) 2-Methylphenol	7.00	107	382935	40.985	ng		98
18) Hexachloroethane	7.25	117	209128	42.291	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	335781	44.371	ng		99
20) 3+4-Methylphenols	7.16	107	474806	41.479	ng	#	82
22) Acetophenone	7.15	105	642332	40.970	ng	#	98
24) Nitrobenzene	7.32	77	509645	40.158	ng		96
25) Isophorone	7.56	82	917590	41.170	ng		99
26) 2-Nitrophenol	7.64	139	271892	40.435	ng		98
27) 2,4-Dimethylphenol	7.68	122	364901	39.985	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	593005	40.877	ng		99
29) 2,4-Dichlorophenol	7.89	162	434010	40.397	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	510979	40.115	ng		98
31) Naphthalene	8.04	128	1386690	39.460	ng		99
32) Benzoic acid	7.84	122	273155	41.992	ng		99
33) 4-Chloroaniline	8.09	127	604215	39.975	ng		100
34) Hexachlorobutadiene	8.16	225	326652	41.169	ng		98
35) Caprolactam	8.48	113	133664m	40.405	ng		
36) 4-Chloro-3-methylphenol	8.59	107	450237	41.409	ng		99
37) 2-Methylnaphthalene	8.73	142	967444	40.908	ng		99
38) 1-Methylnaphthalene	8.83	142	915212	41.150	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	514027	39.621	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	166389	40.491 ng		100
43) 2,4,6-Trichlorophenol	9.02	196	328176	40.057 ng		99
44) 2,4,5-Trichlorophenol	9.06	196	334035	38.854 ng		100
46) 1,1'-Biphenyl	9.20	154	1245739	40.057 ng		98
47) 2-Chloronaphthalene	9.22	162	999195	39.870 ng		98
48) 2-Nitroaniline	9.32	65	286280	40.955 ng		100
49) Acenaphthylene	9.63	152	1429705	39.499 ng		100
50) Dimethylphthalate	9.50	163	1221220	41.504 ng		99
51) 2,6-Dinitrotoluene	9.56	165	264798	40.506 ng	#	87
52) Acenaphthene	9.80	154	877048	40.184 ng		99
53) 3-Nitroaniline	9.73	138	280193	38.662 ng		96
54) 2,4-Dinitrophenol	9.85	184	115142	40.329 ng		96
55) Dibenzofuran	9.98	168	1286749	39.499 ng		97
56) 4-Nitrophenol	9.91	139	142972	32.834 ng		98
57) 2,4-Dinitrotoluene	9.97	165	332998	39.299 ng		98
58) Fluorene	10.32	166	1025917	40.528 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	297908	41.067 ng		100
60) Diethylphthalate	10.20	149	1165485	42.031 ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	550127	41.057 ng		99
62) 4-Nitroaniline	10.35	138	289410	39.031 ng		97
63) Azobenzene	10.47	77	1021705	42.390 ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	181344	42.473 ng		97
66) n-Nitrosodiphenylamine	10.43	169	926167	40.088 ng		99
67) 4-Bromophenyl-phenylether	10.80	248	379294	41.125 ng		97
68) Hexachlorobenzene	10.87	284	434668	40.877 ng		97
69) Atrazine	10.96	200	299555	37.110 ng		98
70) Pentachlorophenol	11.07	266	152813	35.675 ng		98
71) Phenanthrene	11.28	178	1527773	39.704 ng		99
72) Anthracene	11.33	178	1514034	39.379 ng		99
73) Carbazole	11.49	167	1343030	39.211 ng		99
74) Di-n-butylphthalate	11.82	149	1793299	43.234 ng		99
75) Fluoranthene	12.46	202	1598575	39.138 ng		99
77) Benzidine	12.58	184	644301	32.837 ng		99
78) Pyrene	12.69	202	1581187	40.814 ng		99
80) Butylbenzylphthalate	13.30	149	734853	45.069 ng		96
81) Benzo(a)anthracene	13.88	228	1331704	40.510 ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	520338	40.763 ng		99
83) Chrysene	13.92	228	1306101	39.874 ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	983958	47.767 ng		100
85) Di-n-octyl phthalate	14.47	149	1513021	46.099 ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1074102	33.866 ng		100
88) Benzo(b)fluoranthene	14.90	252	1285882	44.612 ng		99
89) Benzo(k)fluoranthene	14.93	252	1057704	39.597 ng		100
90) Benzo(a)pyrene	15.25	252	1045365	40.185 ng		99
91) Dibenzo(a,h)anthracene	16.72	278	887051	38.754 ng		99
92) Benzo(g,h,i)perylene	17.13	276	848181	37.504 ng		99

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

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