Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112345.D
Acq On : 31 Jan 2019 3:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 31 03:50:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	133883	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	472581	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	196940	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	313529	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	286102	20.00	ng		0.00
87) Perylene-d12	15.47	264	316186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	615983	97.73	ng		-0.01
7) Phenol-d6	6.49	99	724082	82.67	ng		0.00
23) Nitrobenzene-d5	7.40	82	656521	80.05	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	156093	68.09	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1221315	87.71	ng		-0.01
79) Terphenyl-d14	12.94	244	985430	64.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	131587	52.406	ng		96
3) Pyridine	3.32	79	323451	50.641	ng		98
4) n-Nitrosodimethylamine	3.26	42	129158	48.131	ng		92
6) Aniline	6.50	93	418873	40.203	ng		95
8) 2-Chlorophenol	6.63	128	345891	40.792	ng		98
9) Benzaldehyde	6.39	77	187611	40.982	ng		100
10) Phenol	6.50	94	390242	40.612	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	300815	39.763	ng		99
12) 1,3-Dichlorobenzene	6.78	146	392949	39.792	ng		100
13) 1,4-Dichlorobenzene	6.86	146	401938	39.549	ng		99
14) 1,2-Dichlorobenzene	7.01	146	371797	39.073	ng		97
15) Benzyl Alcohol	6.98	79	271714	36.801	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	372722	38.372	ng		65
17) 2-Methylphenol	7.10	107	251198	37.371	ng		93
18) Hexachloroethane	7.35	117	135612	37.999	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	213771	35.396	ng		98
20) 3+4-Methylphenols	7.26	107	333844	38.839	ng	#	68
22) Acetophenone	7.25	105	460987	40.060	ng		94
24) Nitrobenzene	7.42	77	327796	40.018	ng		97
25) Isophorone	7.66	82	488451	37.962	ng		99
26) 2-Nitrophenol	7.74	139	172498	39.406	ng		97
27) 2,4-Dimethylphenol	7.78	122	237916	39.448	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	347384	39.651	ng		98
29) 2,4-Dichlorophenol	7.99	162	265189	39.292	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	317247	40.893	ng		97
31) Naphthalene	8.14	128	878315	39.743	ng		99
32) Benzoic acid	7.89	122	89352	25.972	ng		95
33) 4-Chloroaniline	8.19	127	362793	37.701	ng		99
34) Hexachlorobutadiene	8.26	225	181271	39.818	ng		97
35) Caprolactam	8.56	113	77969	32.747	ng		95
36) 4-Chloro-3-methylphenol	8.68	107	252769	35.378	ng		96
37) 2-Methylnaphthalene	8.83	142	562127	37.155	ng		97
38) 1-Methylnaphthalene	8.93	142	535666	36.940	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	282624	43.708	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	28174	19.635	ng		94
43) 2,4,6-Trichlorophenol	9.12	196	164612	41.299	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	162618	39.037	ng		99
46) 1,1'-Biphenyl	9.29	154	741203	43.050	ng		99
47) 2-Chloronaphthalene	9.32	162	573084	42.923	ng		97
48) 2-Nitroaniline	9.42	65	146232	40.184	ng		85
49) Acenaphthylene	9.73	152	795542	40.653	ng		99
50) Dimethylphthalate	9.59	163	606739	39.653	ng		98
51) 2,6-Dinitrotoluene	9.66	165	132686	38.719	ng		91
52) Acenaphthene	9.91	154	470350	40.235	ng		98
53) 3-Nitroaniline	9.83	138	140467	37.835	ng		92
54) 2,4-Dinitrophenol	9.96	184	7804	7.096	ng	#	72
55) Dibenzofuran	10.08	168	704203	39.419	ng		97
56) 4-Nitrophenol	10.02	139	49513	25.225	ng		95
57) 2,4-Dinitrotoluene	10.07	165	157346	36.066	ng		93
58) Fluorene	10.42	166	513366	38.402	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	115372	36.649	ng		99
60) Diethylphthalate	10.29	149	565871	37.266	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	280336	38.550	ng		96
62) 4-Nitroaniline	10.44	138	127864	35.113	ng		96
63) Azobenzene	10.57	77	487759	36.523	ng		100
65) 4,6-Dinitro-2-methylphenol	10.48	198	32216	18.327	ng		91
66) n-Nitrosodiphenylamine	10.53	169	468343	44.322	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	154072	41.782	ng		97
68) Hexachlorobenzene	10.97	284	160729	40.626	ng		95
69) Atrazine	11.05	200	128985	37.830	ng		96
70) Pentachlorophenol	11.17	266	50500	32.805	ng		97
71) Phenanthrene	11.38	178	648445	39.782	ng		99
72) Anthracene	11.43	178	662798	40.821	ng		98
73) Carbazole	11.59	167	632553	39.494	ng		99
74) Di-n-butylphthalate	11.92	149	723984	36.418	ng		98
75) Fluoranthene	12.57	202	640238	36.621	ng		97
77) Benzidine	12.69	184	249554	31.691	ng		97
78) Pyrene	12.80	202	670502	33.850	ng		97
80) Butylbenzylphthalate	13.41	149	284653	29.702	ng		97
81) Benzo(a)anthracene	13.99	228	662584	39.396	ng		97
82) 3,3'-Dichlorobenzidine	13.95	252	264734	42.060	ng		96
83) Chrysene	14.03	228	653887	40.730	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	389937	28.664	ng		98
85) Di-n-octyl phthalate	14.57	149	701814	33.532	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	698401	54.901	ng		97
88) Benzo(b)fluoranthene	15.04	252	742504	39.266	ng		98
89) Benzo(k)fluoranthene	15.07	252	678148	37.441	ng		99
90) Benzo(a)pyrene	15.41	252	682268	40.099	ng		100
91) Dibenzo(a,h)anthracene	16.95	278	603193	43.988	ng		99
92) Benzo(g,h,i)perylene	17.39	276	553860	42.811	ng		97

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

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