Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112596.D
Acq On : 18 Feb 2019 13:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 18 14:29:00 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	6.82	152	106897	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	426229	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	220488	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	428993	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	350900	20.00	ng		0.00
87) Perylene-d12	15.47	264	281126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	491375	97.64	ng		-0.02
7) Phenol-d6	6.48	99	606834	86.78	ng		-0.01
23) Nitrobenzene-d5	7.39	82	600396	81.16	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	214107	83.43	ng		-0.02
45) 2-Fluorobiphenyl	9.18	172	1250113	80.19	ng		-0.02
79) Terphenyl-d14	12.94	244	1469238	78.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	97008	48.388	ng		94
3) Pyridine	3.33	79	234840	46.050	ng		96
4) n-Nitrosodimethylamine	3.29	42	105042	49.026	ng		86
6) Aniline	6.49	93	362599	43.588	ng	#	74
8) 2-Chlorophenol	6.62	128	285831	42.219	ng		98
9) Benzaldehyde	6.38	77	142027	38.857	ng		96
10) Phenol	6.49	94	330792	43.115	ng		86
11) bis(2-Chloroethyl)ether	6.56	93	247733	41.014	ng		99
12) 1,3-Dichlorobenzene	6.77	146	320153	40.605	ng		99
13) 1,4-Dichlorobenzene	6.84	146	324261	39.960	ng		96
14) 1,2-Dichlorobenzene	7.00	146	303381	39.932	ng		97
15) Benzyl Alcohol	6.97	79	243408	41.290	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	303837	39.177	ng	#	32
17) 2-Methylphenol	7.09	107	222172	41.397	ng	#	87
18) Hexachloroethane	7.33	117	117124	41.104	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	206345	42.792	ng		99
20) 3+4-Methylphenols	7.25	107	294759	42.949	ng	#	66
22) Acetophenone	7.24	105	421402	40.602	ng	#	95
24) Nitrobenzene	7.41	77	295869	40.049	ng		97
25) Isophorone	7.65	82	472326	40.701	ng		98
26) 2-Nitrophenol	7.73	139	162034	41.041	ng		90
27) 2,4-Dimethylphenol	7.77	122	218458	40.161	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	321358	40.669	ng		99
29) 2,4-Dichlorophenol	7.98	162	250693	41.183	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	275494	39.373	ng		98
31) Naphthalene	8.13	128	797258	39.998	ng		98
32) Benzoic acid	7.93	122	118450	38.175	ng		97
33) 4-Chloroaniline	8.19	127	350725	40.411	ng		99
34) Hexachlorobutadiene	8.25	225	163633	39.852	ng		99
35) Caprolactam	8.56	113	88273	41.107	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	271532	42.137	ng		94
37) 2-Methylnaphthalene	8.82	142	550608	40.352	ng		97
38) 1-Methylnaphthalene	8.92	142	526922	40.288	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	278387	38.454	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	92130	39.094	ng		98
43) 2,4,6-Trichlorophenol	9.11	196	175965	39.432	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	174044	37.318	ng		96
46) 1,1'-Biphenyl	9.29	154	767625	39.823	ng		98
47) 2-Chloronaphthalene	9.32	162	584823	39.124	ng		96
48) 2-Nitroaniline	9.42	65	170469	41.841	ng		89
49) Acenaphthylene	9.73	152	871109	39.760	ng		98
50) Dimethylphthalate	9.58	163	676183	39.472	ng		100
51) 2,6-Dinitrotoluene	9.66	165	152841	39.837	ng	#	72
52) Acenaphthene	9.90	154	525367	40.141	ng		98
53) 3-Nitroaniline	9.83	138	170681	41.063	ng		94
54) 2,4-Dinitrophenol	9.96	184	50328	40.874	ng	#	86
55) Dibenzofuran	10.07	168	784889	39.244	ng		93
56) 4-Nitrophenol	10.02	139	94649	43.071	ng		89
57) 2,4-Dinitrotoluene	10.07	165	197970	40.532	ng	#	70
58) Fluorene	10.42	166	617900	41.285	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	145071	41.161	ng		95
60) Diethylphthalate	10.28	149	691583	40.680	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	331947	40.772	ng		96
62) 4-Nitroaniline	10.45	138	155021	38.024	ng		92
63) Azobenzene	10.56	77	619431	41.429	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	94011	39.086	ng		96
66) n-Nitrosodiphenylamine	10.52	169	583219	40.338	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	199363	39.512	ng		99
68) Hexachlorobenzene	10.97	284	214459	39.617	ng		96
69) Atrazine	11.05	200	153286	32.857	ng		98
70) Pentachlorophenol	11.17	266	94364	44.800	ng		98
71) Phenanthrene	11.38	178	901712	40.431	ng		98
72) Anthracene	11.43	178	910172	40.969	ng		98
73) Carbazole	11.59	167	893893	40.790	ng		99
74) Di-n-butylphthalate	11.90	149	1108867	40.765	ng		99
75) Fluoranthene	12.57	202	938933	39.251	ng		97
77) Benzidine	12.69	184	390609	40.444	ng		96
78) Pyrene	12.80	202	953704	39.256	ng		99
80) Butylbenzylphthalate	13.40	149	470445	40.024	ng		90
81) Benzo(a)anthracene	13.99	228	819198	39.713	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	308525	39.965	ng		99
83) Chrysene	14.03	228	773135	39.265	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	641849	38.469	ng		97
85) Di-n-octyl phthalate	14.57	149	1005629	39.175	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	566350	36.299	ng		96
88) Benzo(b)fluoranthene	15.05	252	666738	39.657	ng		99
89) Benzo(k)fluoranthene	15.08	252	637709	39.599	ng		98
90) Benzo(a)pyrene	15.42	252	602624	39.835	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	476084	39.048	ng		99
92) Benzo(g,h,i)perylene	17.43	276	453464	39.422	ng		94

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

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