Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115894.D
Acq On : 1 Aug 2019 8:49
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 01 13:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	174861	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	695763	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	370579	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	647215	20.00	ng		0.00
76) Chrysene-d12	14.03	240	449080	20.00	ng		0.00
87) Perylene-d12	15.51	264	426344	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	842633	80.67	ng		0.01
7) Phenol-d6	6.50	99	1063295	80.68	ng		0.01
23) Nitrobenzene-d5	7.42	82	971497	80.60	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	281740	78.42	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1512216	76.43	ng		0.00
79) Terphenyl-d14	12.97	244	1712789	80.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	209656	39.731	ng		100
3) Pyridine	3.38	79	589171	39.969	ng		98
4) n-Nitrosodimethylamine	3.33	42	236457	40.648	ng		97
6) Aniline	6.52	93	757894	40.157	ng		99
8) 2-Chlorophenol	6.65	128	466217	40.364	ng		99
9) Benzaldehyde	6.40	77	354773	39.016	ng		98
10) Phenol	6.51	94	615159	39.639	ng		85
11) bis(2-Chloroethyl)ether	6.59	93	454864	39.866	ng		99
12) 1,3-Dichlorobenzene	6.80	146	525879	39.395	ng		98
13) 1,4-Dichlorobenzene	6.87	146	522902	39.123	ng		99
14) 1,2-Dichlorobenzene	7.03	146	490224	39.833	ng		98
15) Benzyl Alcohol	7.00	79	414014	41.396	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	608661	39.110	ng		97
17) 2-Methylphenol	7.12	107	398145	40.709	ng		99
18) Hexachloroethane	7.37	117	194475	39.520	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	311458	38.139	ng		100
20) 3+4-Methylphenols	7.27	107	456135	39.411	ng	#	82
22) Acetophenone	7.27	105	606096	39.720	ng		99
24) Nitrobenzene	7.44	77	520999	40.031	ng		98
25) Isophorone	7.68	82	902175	39.143	ng		99
26) 2-Nitrophenol	7.76	139	251754	41.036	ng		95
27) 2,4-Dimethylphenol	7.79	122	372908	40.402	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	565570	39.590	ng		99
29) 2,4-Dichlorophenol	8.00	162	392737	40.299	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	447710	40.301	ng		98
31) Naphthalene	8.16	128	1305196	39.864	ng		100
32) Benzoic acid	7.93	122	208982	32.114	ng		97
33) 4-Chloroaniline	8.21	127	606269	41.443	ng		99
34) Hexachlorobutadiene	8.28	225	255428	39.918	ng		99
35) Caprolactam	8.60	113	131140	41.605	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	410543	40.493	ng		97
37) 2-Methylnaphthalene	8.86	142	849183	39.382	ng		99
38) 1-Methylnaphthalene	8.96	142	799197	39.178	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	393529	39.722	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	129693	32.924 ng	99
43) 2,4,6-Trichlorophenol	9.14	196	274578	40.266 ng	99
44) 2,4,5-Trichlorophenol	9.18	196	277532	39.372 ng	95
46) 1,1'-Biphenyl	9.32	154	1017466	38.890 ng	99
47) 2-Chloronaphthalene	9.35	162	855398	39.283 ng	97
48) 2-Nitroaniline	9.45	65	295265	41.023 ng	97
49) Acenaphthylene	9.76	152	1252694	39.433 ng	99
50) Dimethylphthalate	9.62	163	995229	39.443 ng	99
51) 2,6-Dinitrotoluene	9.69	165	218299	39.811 ng	97
52) Acenaphthene	9.93	154	768287	39.421 ng	100
53) 3-Nitroaniline	9.86	138	279521	41.255 ng	93
54) 2,4-Dinitrophenol	9.97	184	89349	36.721 ng	96
55) Dibenzofuran	10.10	168	1106094	39.026 ng	97
56) 4-Nitrophenol	10.02	139	163982	37.781 ng	97
57) 2,4-Dinitrotoluene	10.09	165	292624	40.082 ng	93
58) Fluorene	10.45	166	862366	39.548 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	231984	39.118 ng	99
60) Diethylphthalate	10.32	149	910787	38.662 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	430781	39.007 ng	99
62) 4-Nitroaniline	10.47	138	286435	40.907 ng	99
63) Azobenzene	10.60	77	952007	39.290 ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	136026	39.660 ng	97
66) n-Nitrosodiphenylamine	10.56	169	773364	39.699 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	274066	39.557 ng	96
68) Hexachlorobenzene	11.00	284	314335	39.235 ng	99
69) Atrazine	11.09	200	249140	38.875 ng	99
70) Pentachlorophenol	11.20	266	145721	37.464 ng	98
71) Phenanthrene	11.42	178	1306842	39.497 ng	100
72) Anthracene	11.46	178	1306920	39.029 ng	98
73) Carbazole	11.62	167	1220923	40.189 ng	100
74) Di-n-butylphthalate	11.95	149	1378745	38.904 ng	100
75) Fluoranthene	12.60	202	1362818	39.344 ng	98
77) Benzidine	12.72	184	770813	50.806 ng	98
78) Pyrene	12.83	202	1404351	41.485 ng	99
80) Butylbenzylphthalate	13.44	149	591718	41.322 ng	95
81) Benzo(a)anthracene	14.02	228	1172079	40.834 ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	417839	41.901 ng	98
83) Chrysene	14.06	228	1122479	40.280 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	756818	40.671 ng	100
85) Di-n-octyl phthalate	14.62	149	1149062	38.877 ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1006368	42.998 ng	99
88) Benzo(b)fluoranthene	15.08	252	965951	39.184 ng	98
89) Benzo(k)fluoranthene	15.11	252	938065	39.068 ng	100
90) Benzo(a)pyrene	15.45	252	888821	40.334 ng	99
91) Dibenzo(a,h)anthracene	17.01	278	811218	42.527 ng	100
92) Benzo(g,h,i)perylene	17.44	276	827177	44.155 ng	98

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

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