Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114715.D
Acq On : 31 May 2019 18:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 01 00:26:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	388259	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1572044	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	769551	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1446447	20.00	ng		0.00
76) Chrysene-d12	13.82	240	780691	20.00	ng		0.00
87) Perylene-d12	15.21	264	846781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1717148	77.65	ng		0.00
7) Phenol-d6	6.33	99	2105218	79.00	ng		0.00
23) Nitrobenzene-d5	7.26	82	2011592	79.83	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	618891	84.40	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	3434693	83.57	ng		0.00
79) Terphenyl-d14	12.78	244	3505963	84.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	416246	39.223	ng		96
3) Pyridine	3.05	79	1199580	38.841	ng		98
4) n-Nitrosodimethylamine	2.99	42	447007	35.766	ng		90
6) Aniline	6.36	93	1556455	38.667	ng		100
8) 2-Chlorophenol	6.48	128	1027696	40.241	ng		99
9) Benzaldehyde	6.24	77	613152	41.616	ng		97
10) Phenol	6.35	94	1237393	38.438	ng		94
11) bis(2-Chloroethyl)ether	6.43	93	963742	39.139	ng		99
12) 1,3-Dichlorobenzene	6.64	146	1173121	40.318	ng		99
13) 1,4-Dichlorobenzene	6.72	146	1180251	40.434	ng		99
14) 1,2-Dichlorobenzene	6.87	146	1094148	41.173	ng		99
15) Benzyl Alcohol	6.84	79	851023	40.599	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1394761	36.931	ng		99
17) 2-Methylphenol	6.96	107	861379	39.878	ng		99
18) Hexachloroethane	7.21	117	432672	39.150	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	692127	37.628	ng		99
20) 3+4-Methylphenols	7.11	107	970532	38.203	ng		97
22) Acetophenone	7.11	105	1332734	39.788	ng	#	99
24) Nitrobenzene	7.28	77	1058975	39.564	ng		92
25) Isophorone	7.52	82	1926402	38.095	ng		100
26) 2-Nitrophenol	7.59	139	572302	43.926	ng		99
27) 2,4-Dimethylphenol	7.64	122	857525	39.574	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	1264598	39.285	ng		100
29) 2,4-Dichlorophenol	7.83	162	907031	41.125	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	1029235	40.960	ng		98
31) Naphthalene	8.00	128	2820345	38.949	ng		100
32) Benzoic acid	7.76	122	657755	46.735	ng		98
33) 4-Chloroaniline	8.05	127	1356800	39.329	ng		99
34) Hexachlorobutadiene	8.13	225	573557	41.088	ng		100
35) Caprolactam	8.43	113	295625	39.718	ng		93
36) 4-Chloro-3-methylphenol	8.53	107	897527	40.578	ng		99
37) 2-Methylnaphthalene	8.69	142	1939571	40.314	ng		98
38) 1-Methylnaphthalene	8.79	142	1849394	40.572	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	881241	43.001	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	457788	33.803 ng		100
43) 2,4,6-Trichlorophenol	8.96	196	677911	42.040 ng		99
44) 2,4,5-Trichlorophenol	9.00	196	693988	43.128 ng		98
46) 1,1'-Biphenyl	9.15	154	2311972	40.473 ng		99
47) 2-Chloronaphthalene	9.17	162	1946669	41.543 ng		98
48) 2-Nitroaniline	9.27	65	604821	41.826 ng		88
49) Acenaphthylene	9.59	152	2836989	39.190 ng		98
50) Dimethylphthalate	9.46	163	2222561	41.448 ng		99
51) 2,6-Dinitrotoluene	9.51	165	523920	42.048 ng		95
52) Acenaphthene	9.76	154	1803918	40.632 ng		100
53) 3-Nitroaniline	9.67	138	621590	40.761 ng		100
54) 2,4-Dinitrophenol	9.77	184	219928	44.748 ng	#	87
55) Dibenzofuran	9.93	168	2474601	39.158 ng		98
56) 4-Nitrophenol	9.83	139	466120	41.246 ng		99
57) 2,4-Dinitrotoluene	9.91	165	677073	42.340 ng		92
58) Fluorene	10.27	166	1727069	40.124 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	561721	42.648 ng		99
60) Diethylphthalate	10.15	149	2230205	40.721 ng		100
61) 4-Chlorophenyl-phenylether	10.26	204	898761	41.842 ng		99
62) 4-Nitroaniline	10.29	138	600182	40.389 ng		97
63) Azobenzene	10.43	77	1937017	38.522 ng		95
65) 4,6-Dinitro-2-methylphenol	10.32	198	280809	43.783 ng		88
66) n-Nitrosodiphenylamine	10.38	169	1762595	41.244 ng		99
67) 4-Bromophenyl-phenylether	10.75	248	639473	41.226 ng		97
68) Hexachlorobenzene	10.82	284	705549	41.995 ng	#	91
69) Atrazine	10.91	200	560836	41.183 ng		99
70) Pentachlorophenol	11.00	266	413078	42.653 ng		98
71) Phenanthrene	11.22	178	2716448	36.815 ng		100
72) Anthracene	11.27	178	2751278	36.842 ng		98
73) Carbazole	11.43	167	2463846	37.540 ng		100
74) Di-n-butylphthalate	11.77	149	3158379	38.406 ng		99
75) Fluoranthene	12.40	202	2683669	35.125 ng		98
77) Benzidine	12.52	184	1295036	40.284 ng		100
78) Pyrene	12.63	202	2702626	40.924 ng		100
80) Butylbenzylphthalate	13.26	149	1351921	40.733 ng		98
81) Benzo(a)anthracene	13.81	228	2307647	38.465 ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	936628	40.426 ng		97
83) Chrysene	13.84	228	2239321	39.068 ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1704875	41.550 ng		99
85) Di-n-octyl phthalate	14.43	149	2830060	39.697 ng		97
86) Indeno(1,2,3-cd)pyrene	16.54	276	1958701	34.119 ng		99
88) Benzo(b)fluoranthene	14.82	252	2059958	38.624 ng		100
89) Benzo(k)fluoranthene	14.85	252	1969180	42.479 ng		99
90) Benzo(a)pyrene	15.16	252	1858050	39.657 ng		100
91) Dibenzo(a,h)anthracene	16.55	278	1624367	39.234 ng		99
92) Benzo(g,h,i)perylene	16.93	276	1566034	38.972 ng		98

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

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