Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115328.D
Acq On : 1 Jul 2019 9:59
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 01 11:22:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	215786	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	859347	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	412207	20.00	ng		0.01
64) Phenanthrene-d10	11.11	188	808623	20.00	ng		0.01
76) Chrysene-d12	13.74	240	570739	20.00	ng		0.02
87) Perylene-d12	15.11	264	734214	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1052211	75.25	ng		0.01
7) Phenol-d6	6.25	99	1280245	75.43	ng		0.01
23) Nitrobenzene-d5	7.17	82	1095143	78.39	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	365704	84.13	ng		0.01
45) 2-Fluorobiphenyl	8.97	172	1972214	81.27	ng		0.00
79) Terphenyl-d14	12.69	244	2198336	81.89	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	246714	37.384	ng		98
3) Pyridine	2.82	79	673596	36.214	ng		99
4) n-Nitrosodimethylamine	2.77	42	252371	34.610	ng		94
6) Aniline	6.27	93	825614	35.394	ng	#	62
8) 2-Chlorophenol	6.39	128	597933	38.028	ng		100
9) Benzaldehyde	6.15	77	384115	34.690	ng		98
10) Phenol	6.26	94	718810	36.156	ng		77
11) bis(2-Chloroethyl)ether	6.35	93	539825	36.836	ng		99
12) 1,3-Dichlorobenzene	6.55	146	674755	38.668	ng		99
13) 1,4-Dichlorobenzene	6.62	146	673356	38.481	ng		99
14) 1,2-Dichlorobenzene	6.78	146	625451	38.597	ng		99
15) Benzyl Alcohol	6.75	79	456753	36.958	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	757203	35.624	ng		97
17) 2-Methylphenol	6.87	107	488151	37.612	ng		98
18) Hexachloroethane	7.12	117	237861	37.705	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	367936	33.862	ng		98
20) 3+4-Methylphenols	7.02	107	571772	38.154	ng		91
22) Acetophenone	7.02	105	755985	38.427	ng	#	96
24) Nitrobenzene	7.19	77	597677	38.835	ng		99
25) Isophorone	7.43	82	1030135	35.997	ng		99
26) 2-Nitrophenol	7.51	139	332813	43.790	ng		99
27) 2,4-Dimethylphenol	7.55	122	462762	37.188	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	668908	36.982	ng		99
29) 2,4-Dichlorophenol	7.75	162	498147	38.791	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	558710	39.387	ng		99
31) Naphthalene	7.91	128	1657708	39.298	ng		99
32) Benzoic acid	7.68	122	311065	35.020	ng		97
33) 4-Chloroaniline	7.96	127	734188	38.083	ng		99
34) Hexachlorobutadiene	8.04	225	309684	39.839	ng		100
35) Caprolactam	8.34	113	157769	36.541	ng		99
36) 4-Chloro-3-methylphenol	8.45	107	499695	38.422	ng		97
37) 2-Methylnaphthalene	8.60	142	1096807	38.563	ng		99
38) 1-Methylnaphthalene	8.70	142	1049885	38.650	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	489440	42.018	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	238860	34.582	ng		99
43) 2,4,6-Trichlorophenol	8.88	196	354703	39.443	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	380599	41.097	ng		99
46) 1,1'-Biphenyl	9.07	154	1260907	38.230	ng		99
47) 2-Chloronaphthalene	9.09	162	1065791	39.837	ng		100
48) 2-Nitroaniline	9.18	65	322870	41.394	ng		98
49) Acenaphthylene	9.50	152	1658579	39.790	ng		99
50) Dimethylphthalate	9.37	163	1199982	39.568	ng		98
51) 2,6-Dinitrotoluene	9.42	165	279866	39.972	ng		98
52) Acenaphthene	9.67	154	952600	36.521	ng		98
53) 3-Nitroaniline	9.59	138	343305	40.180	ng		99
54) 2,4-Dinitrophenol	9.70	184	138280	42.202	ng		96
55) Dibenzofuran	9.84	168	1404530	37.518	ng		99
56) 4-Nitrophenol	9.75	139	264115	38.558	ng		95
57) 2,4-Dinitrotoluene	9.82	165	371277	41.068	ng		91
58) Fluorene	10.18	166	1027107	40.557	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	311732	40.143	ng		98
60) Diethylphthalate	10.07	149	1133806	37.192	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	502274	41.942	ng		99
62) 4-Nitroaniline	10.20	138	350927	40.941	ng		98
63) Azobenzene	10.34	77	1071327	37.625	ng		98
65) 4,6-Dinitro-2-methylphenol	10.24	198	177718	41.997	ng		89
66) n-Nitrosodiphenylamine	10.30	169	959680	38.094	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	344830	39.332	ng	#	90
68) Hexachlorobenzene	10.73	284	383627	40.313	ng		96
69) Atrazine	10.82	200	314294	38.783	ng		99
70) Pentachlorophenol	10.92	266	232715	38.386	ng		97
71) Phenanthrene	11.14	178	1636380	37.586	ng		100
72) Anthracene	11.19	178	1662275	37.824	ng		100
73) Carbazole	11.34	167	1561148	39.781	ng		99
74) Di-n-butylphthalate	11.68	149	1757409	38.753	ng		100
75) Fluoranthene	12.32	202	1733535	39.907	ng		96
77) Benzidine	12.44	184	960924	37.917	ng		99
78) Pyrene	12.54	202	1780639	40.597	ng		99
80) Butylbenzylphthalate	13.17	149	786273	40.620	ng		94
81) Benzo(a)anthracene	13.72	228	1634467	39.911	ng		100
82) 3,3'-Dichlorobenzidine	13.69	252	633933	42.866	ng		98
83) Chrysene	13.77	228	1598683	42.616	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	970181	38.251	ng		100
85) Di-n-octyl phthalate	14.35	149	1744242	40.931	ng		99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1947690	43.877	ng		98
88) Benzo(b)fluoranthene	14.74	252	1776665	38.781	ng		99
89) Benzo(k)fluoranthene	14.77	252	1477735	35.968	ng		99
90) Benzo(a)pyrene	15.07	252	1602284	38.804	ng		98
91) Dibenzo(a,h)anthracene	16.42	278	1547758	40.151	ng		99
92) Benzo(g,h,i)perylene	16.79	276	1601949	41.059	ng		99

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

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