Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114380.D
Acq On : 18 May 2019 10:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 20 04:50:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	284304	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1122349	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	527709	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1054199	20.00	ng		0.00
76) Chrysene-d12	14.00	240	737971	20.00	ng		0.00
87) Perylene-d12	15.46	264	709188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1328653	75.21	ng		0.00
7) Phenol-d6	6.49	99	1655784	79.24	ng		0.00
23) Nitrobenzene-d5	7.40	82	1610402	80.52	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	424638	77.83	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2633024	75.48	ng		0.00
79) Terphenyl-d14	12.94	244	2746303	76.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	322255	33.186	ng		100
3) Pyridine	3.34	79	913883	34.158	ng		96
4) n-Nitrosodimethylamine	3.30	42	463090	35.893	ng		98
6) Aniline	6.50	93	1143298	37.879	ng	#	50
8) 2-Chlorophenol	6.63	128	771834	40.924	ng		94
9) Benzaldehyde	6.39	77	505307	34.544	ng		99
10) Phenol	6.50	94	933075	37.960	ng	#	70
11) bis(2-Chloroethyl)ether	6.57	93	779176	41.754	ng		99
12) 1,3-Dichlorobenzene	6.78	146	856397	40.452	ng		98
13) 1,4-Dichlorobenzene	6.86	146	860371	40.330	ng		97
14) 1,2-Dichlorobenzene	7.01	146	779924	40.016	ng		99
15) Benzyl Alcohol	6.99	79	627698	38.517	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1424312	39.365	ng		84
17) 2-Methylphenol	7.10	107	609391	39.334	ng	#	94
18) Hexachloroethane	7.35	117	327137	40.853	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	523917	39.558	ng		99
20) 3+4-Methylphenols	7.26	107	716368	40.020	ng	#	81
22) Acetophenone	7.25	105	996770	40.089	ng		96
24) Nitrobenzene	7.43	77	837268	41.105	ng		94
25) Isophorone	7.66	82	1519745	40.974	ng		99
26) 2-Nitrophenol	7.74	139	425506	43.057	ng		99
27) 2,4-Dimethylphenol	7.78	122	590191	38.025	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	989114	41.101	ng		100
29) 2,4-Dichlorophenol	7.99	162	631512	40.860	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	696719	39.643	ng		99
31) Naphthalene	8.15	128	2124243	40.518	ng		99
32) Benzoic acid	7.93	122	486163	44.524	ng		99
33) 4-Chloroaniline	8.19	127	981826	41.097	ng		99
34) Hexachlorobutadiene	8.26	225	404585	40.459	ng		97
35) Caprolactam	8.58	113	227962	45.234	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	664709	42.727	ng		98
37) 2-Methylnaphthalene	8.83	142	1412735	41.766	ng		97
38) 1-Methylnaphthalene	8.93	142	1336037	41.942	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	655219	40.989	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	227164	33.178	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	441030	40.111	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	450046	39.911	ng		96
46) 1,1'-Biphenyl	9.30	154	1712104	40.160	ng		99
47) 2-Chloronaphthalene	9.32	162	1370219	39.937	ng		99
48) 2-Nitroaniline	9.42	65	507619	41.718	ng		98
49) Acenaphthylene	9.74	152	2075314	39.770	ng		99
50) Dimethylphthalate	9.59	163	1632676	42.146	ng		99
51) 2,6-Dinitrotoluene	9.66	165	353479	41.139	ng		98
52) Acenaphthene	9.91	154	1253639	39.150	ng		98
53) 3-Nitroaniline	9.83	138	449885	42.180	ng		97
54) 2,4-Dinitrophenol	9.95	184	163419	41.380	ng		90
55) Dibenzofuran	10.08	168	1780289	37.915	ng		98
56) 4-Nitrophenol	10.01	139	249609	33.092	ng		93
57) 2,4-Dinitrotoluene	10.07	165	446569	38.292	ng	#	86
58) Fluorene	10.42	166	1448385	39.935	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	370097	38.039	ng		99
60) Diethylphthalate	10.29	149	1582406	40.202	ng		100
61) 4-Chlorophenyl-phenylether	10.41	204	705036	39.579	ng		97
62) 4-Nitroaniline	10.45	138	478028	42.651	ng		97
63) Azobenzene	10.57	77	1533950	40.262	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	233968	46.188	ng		87
66) n-Nitrosodiphenylamine	10.53	169	1300113	40.635	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	472270	40.688	ng		98
68) Hexachlorobenzene	10.97	284	514986	40.106	ng		98
69) Atrazine	11.06	200	388292	38.998	ng		100
70) Pentachlorophenol	11.17	266	200666	32.966	ng		98
71) Phenanthrene	11.39	178	2087827	40.708	ng		100
72) Anthracene	11.44	178	2123636	41.224	ng		99
73) Carbazole	11.59	167	2045680	41.643	ng		99
74) Di-n-butylphthalate	11.91	149	2472552	43.689	ng		99
75) Fluoranthene	12.57	202	2252786	40.789	ng		99
77) Benzidine	12.69	184	1138075	34.356	ng		99
78) Pyrene	12.80	202	2319773	39.076	ng		100
80) Butylbenzylphthalate	13.41	149	1087000	43.501	ng		99
81) Benzo(a)anthracene	13.99	228	1998449	41.868	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	753434	40.690	ng		100
83) Chrysene	14.03	228	1893209	40.461	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1446269	44.254	ng		100
85) Di-n-octyl phthalate	14.57	149	2281673	43.069	ng		100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1687102	40.798	ng		100
88) Benzo(b)fluoranthene	15.04	252	1800987	39.639	ng		99
89) Benzo(k)fluoranthene	15.07	252	1797398	43.066	ng		99
90) Benzo(a)pyrene	15.40	252	1692246	42.321	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	1375721	41.404	ng		99
92) Benzo(g,h,i)perylene	17.39	276	1391467	41.788	ng		99

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

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