Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
Data File : BF120461.D
Acq On : 1 Jun 2020 10:16
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 01 12:00:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	233729	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	880866	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	460253	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	862614	20.00	ng		0.00
76) Chrysene-d12	14.00	240	603472	20.00	ng		0.00
86) Perylene-d12	15.45	264	559023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1004675	81.92	ng		0.00
7) Phenol-d6	6.47	99	1243068	82.23	ng		0.00
23) Nitrobenzene-d5	7.40	82	1115002	82.80	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	370661	86.92	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2057189	75.84	ng		0.00
79) Terphenyl-d14	12.94	244	2217451	81.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	245137	40.35	ng		99
3) Pyridine	3.34	79	666273	39.60	ng		97
4) n-Nitrosodimethylamine	3.29	42	278475	39.11	ng		97
6) Aniline	6.50	93	850602	40.36	ng		100
8) 2-Chlorophenol	6.63	128	576937	41.72	ng		99
9) Benzaldehyde	6.39	77	353585	38.38	ng		97
10) Phenol	6.48	94	738136	44.65	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	565218	40.92	ng		96
12) 1,3-Dichlorobenzene	6.78	146	636816	41.92	ng		98
13) 1,4-Dichlorobenzene	6.86	146	635172	41.90	ng		98
14) 1,2-Dichlorobenzene	7.01	146	593299	42.38	ng		97
15) Benzyl Alcohol	6.98	79	469442	41.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	875878	40.22	ng		99
17) 2-Methylphenol	7.09	107	504593	40.80	ng		99
18) Hexachloroethane	7.35	117	232729	41.94	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	373169	38.83	ng		97
20) 3+4-Methylphenols	7.25	107	573419	36.71	ng		97
22) Acetophenone	7.25	105	711926	39.79	ng	#	99
24) Nitrobenzene	7.42	77	595489	41.05	ng		97
25) Isophorone	7.66	82	1077610	39.82	ng		99
26) 2-Nitrophenol	7.74	139	289858	44.32	ng		97
27) 2,4-Dimethylphenol	7.77	122	456641	40.20	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	664701	40.78	ng		99
29) 2,4-Dichlorophenol	7.97	162	484330	42.22	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	539088	41.87	ng		98
31) Naphthalene	8.15	128	1610604	41.63	ng		99
32) Benzoic acid	7.89	122	286919	34.04	ng		96
33) 4-Chloroaniline	8.19	127	695017	40.54	ng		99
34) Hexachlorobutadiene	8.26	225	322415	42.25	ng		100
35) Caprolactam	8.56	113	152346	41.00	ng		99
36) 4-Chloro-3-methylphenol	8.67	107	474467	40.76	ng		97
37) 2-Methylnaphthalene	8.83	142	1072432	41.85	ng		98
38) 1-Methylnaphthalene	8.93	142	999848	41.34	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	498058	42.20	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	299892	45.53	ng		98
43) 2,4,6-Trichlorophenol	9.11	196	350693	41.08	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	411313	42.51	ng		96
46) 1,1'-Biphenyl	9.30	154	1263064	41.78	ng		99
47) 2-Chloronaphthalene	9.32	162	1027338	41.26	ng		97
48) 2-Nitroaniline	9.42	65	309502	40.81	ng		98
49) Acenaphthylene	9.74	152	1584016	41.17	ng		100
50) Dimethylphthalate	9.60	163	1177982	40.94	ng		99
51) 2,6-Dinitrotoluene	9.66	165	265430	41.51	ng		96
52) Acenaphthene	9.91	154	997323	41.54	ng		100
53) 3-Nitroaniline	9.83	138	308723	41.11	ng		99
54) 2,4-Dinitrophenol	9.93	184	105236	44.59	ng		92
55) Dibenzofuran	10.09	168	1433917	41.09	ng		96
56) 4-Nitrophenol	9.98	139	240707	41.87	ng		99
57) 2,4-Dinitrotoluene	10.06	165	343353	41.95	ng		89
58) Fluorene	10.43	166	1043484	39.85	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	319163	42.33	ng		99
60) Diethylphthalate	10.30	149	1187710	40.85	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	547839	38.59	ng		100
62) 4-Nitroaniline	10.44	138	296226	41.79	ng		98
63) Azobenzene	10.58	77	1093696	39.99	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	150119	47.71	ng		91
66) n-Nitrosodiphenylamine	10.53	169	991463	41.38	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	368723	42.35	ng		98
68) Hexachlorobenzene	10.97	284	391689	42.24	ng	#	91
69) Atrazine	11.06	200	286061	42.36	ng		98
70) Pentachlorophenol	11.16	266	235324	41.51	ng		98
71) Phenanthrene	11.39	178	1562982	41.12	ng		100
72) Anthracene	11.44	178	1594380	41.81	ng		100
73) Carbazole	11.59	167	1522189	41.27	ng		100
74) Di-n-butylphthalate	11.92	149	1781559	41.52	ng		99
75) Fluoranthene	12.57	202	1710554	41.82	ng		98
77) Benzidine	12.69	184	733521	46.26	ng		99
78) Pyrene	12.80	202	1730953	41.24	ng		99
80) Butylbenzylphthalate	13.42	149	736974	42.06	ng		100
81) Benzo(a)anthracene	13.99	228	1347049	41.65	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	513987	43.77	ng		99
83) Chrysene	14.03	228	1363925	40.23	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	904409	43.97	ng		98
85) Di-n-octyl phthalate	14.59	149	1545617	43.43	ng		99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1222498	39.98	ng		98
88) Benzo(b)fluoranthene	15.03	252	1267267	40.81	ng		99
89) Benzo(k)fluoranthene	15.06	252	1166117	40.23	ng		99
90) Benzo(a)pyrene	15.39	252	1115738	41.08	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	998252	40.05	ng		98
92) Benzo(g,h,i)perylene	17.33	276	983981	40.02	ng		98

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

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