Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118990.D
Acq On : 21 Feb 2020 13:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 21 15:01:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161595	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	594087	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	331602	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	614645	20.00	ng		0.00
76) Chrysene-d12	13.91	240	464767	20.00	ng		0.00
87) Perylene-d12	15.33	264	459649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	815503	84.34	ng		0.00
7) Phenol-d6	6.40	99	1002718	85.27	ng		0.00
23) Nitrobenzene-d5	7.32	82	936752	83.25	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	366345	84.45	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1830058	81.30	ng		0.00
79) Terphenyl-d14	12.86	244	2183189	80.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	173676	40.341	ng		99
3) Pyridine	3.17	79	481584	40.959	ng		99
4) n-Nitrosodimethylamine	3.11	42	146929	41.252	ng		96
6) Aniline	6.42	93	607365	41.856	ng		92
8) 2-Chlorophenol	6.55	128	444942	42.638	ng		99
9) Benzaldehyde	6.30	77	326318	41.532	ng		100
10) Phenol	6.41	94	534477	42.037	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	406974	41.833	ng		100
12) 1,3-Dichlorobenzene	6.70	146	526065	42.061	ng		100
13) 1,4-Dichlorobenzene	6.77	146	535068	42.751	ng		99
14) 1,2-Dichlorobenzene	6.93	146	494343	43.308	ng		99
15) Benzyl Alcohol	6.90	79	379801	44.686	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	358650	42.558	ng		97
17) 2-Methylphenol	7.02	107	362503	42.847	ng		98
18) Hexachloroethane	7.27	117	189087	42.228	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	295237	43.084	ng		98
20) 3+4-Methylphenols	7.17	107	439385	42.390	ng	#	77
22) Acetophenone	7.17	105	581372	42.295	ng		99
24) Nitrobenzene	7.34	77	463210	41.630	ng		100
25) Isophorone	7.58	82	818625	41.893	ng		100
26) 2-Nitrophenol	7.66	139	249328	42.291	ng		99
27) 2,4-Dimethylphenol	7.70	122	331866	41.477	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	527879	41.503	ng		100
29) 2,4-Dichlorophenol	7.90	162	395573	41.996	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	458338	41.040	ng		98
31) Naphthalene	8.06	128	1295306	42.041	ng		99
32) Benzoic acid	7.84	122	254780	44.247	ng		95
33) 4-Chloroaniline	8.11	127	555795	41.941	ng		99
34) Hexachlorobutadiene	8.18	225	286500	41.184	ng		99
35) Caprolactam	8.49	113	124054	42.772	ng		98
36) 4-Chloro-3-methylphenol	8.60	107	404757	42.459	ng		98
37) 2-Methylnaphthalene	8.75	142	877351	42.314	ng		99
38) 1-Methylnaphthalene	8.85	142	823585	42.236	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	459153	41.068	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	161877	44.501	ng		96
43) 2,4,6-Trichlorophenol	9.03	196	298196	42.236	ng		100
44) 2,4,5-Trichlorophenol	9.07	196	307821	41.548	ng		94
46) 1,1'-Biphenyl	9.22	154	1113248	41.539	ng		99
47) 2-Chloronaphthalene	9.24	162	901926	41.762	ng		99
48) 2-Nitroaniline	9.33	65	257872	42.809	ng		97
49) Acenaphthylene	9.65	152	1313273	42.102	ng		100
50) Dimethylphthalate	9.52	163	1063530	41.942	ng		100
51) 2,6-Dinitrotoluene	9.58	165	238308	42.301	ng		89
52) Acenaphthene	9.83	154	790039	42.004	ng		99
53) 3-Nitroaniline	9.75	138	267877	42.891	ng		95
54) 2,4-Dinitrophenol	9.86	184	108636	43.444	ng	#	90
55) Dibenzofuran	10.00	168	1183393	42.153	ng		98
56) 4-Nitrophenol	9.92	139	157501	41.973	ng		97
57) 2,4-Dinitrotoluene	9.99	165	315578	43.217	ng		97
58) Fluorene	10.34	166	928375	42.557	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	256953	41.103	ng		98
60) Diethylphthalate	10.21	149	1022213	42.778	ng		100
61) 4-Chlorophenyl-phenylether	10.33	204	487675	42.234	ng		98
62) 4-Nitroaniline	10.36	138	272610	42.663	ng		97
63) Azobenzene	10.49	77	879142	42.326	ng		95
65) 4,6-Dinitro-2-methylphenol	10.40	198	165744	44.563	ng		97
66) n-Nitrosodiphenylamine	10.45	169	846368	42.054	ng		98
67) 4-Bromophenyl-phenylether	10.82	248	335406	41.747	ng		99
68) Hexachlorobenzene	10.89	284	383747	41.428	ng		96
69) Atrazine	10.97	200	259628	36.922	ng		99
70) Pentachlorophenol	11.09	266	157753	42.278	ng		99
71) Phenanthrene	11.30	178	1415323	42.224	ng		100
72) Anthracene	11.35	178	1411084	42.132	ng		99
73) Carbazole	11.50	167	1269741	42.556	ng		99
74) Di-n-butylphthalate	11.83	149	1573944	43.560	ng		99
75) Fluoranthene	12.49	202	1521014	42.749	ng		98
77) Benzidine	12.60	184	717036	37.935	ng		99
78) Pyrene	12.71	202	1514738	40.588	ng		99
80) Butylbenzylphthalate	13.33	149	678867	43.221	ng		93
81) Benzo(a)anthracene	13.90	228	1328581	41.954	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	535375	43.538	ng		99
83) Chrysene	13.94	228	1309849	41.511	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	872735	43.981	ng		99
85) Di-n-octyl phthalate	14.50	149	1431517	45.277	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1172776	38.385	ng		98
88) Benzo(b)fluoranthene	14.93	252	1303453	43.022	ng		99
89) Benzo(k)fluoranthene	14.96	252	1228493	43.754	ng		99
90) Benzo(a)pyrene	15.27	252	1144590	41.858	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	964241	40.077	ng		98
92) Benzo(g,h,i)perylene	17.16	276	934147	39.296	ng		96

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

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