Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119708.D
Acq On : 3 Apr 2020 10:12
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 03 11:15:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	217486	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	793832	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	405964	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	782703	20.00	ng		-0.01
76) Chrysene-d12	13.98	240	602743	20.00	ng		-0.02
87) Perylene-d12	15.43	264	589465	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1076979	78.83	ng		0.00
7) Phenol-d6	6.44	99	1379733	79.06	ng		0.00
23) Nitrobenzene-d5	7.37	82	1192415	81.64	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	375158	89.58	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	2121634	77.42	ng		0.00
79) Terphenyl-d14	12.93	244	2334028	75.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	248704	36.858	ng		97
3) Pyridine	3.25	79	687570	36.988	ng		93
4) n-Nitrosodimethylamine	3.20	42	305016	33.647	ng		94
6) Aniline	6.47	93	919170	38.161	ng		97
8) 2-Chlorophenol	6.59	128	575648	40.118	ng		97
9) Benzaldehyde	6.35	77	373777	33.761	ng		98
10) Phenol	6.45	94	781525	41.968	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	577857	38.799	ng		97
12) 1,3-Dichlorobenzene	6.75	146	617199	39.742	ng		97
13) 1,4-Dichlorobenzene	6.82	146	620610	39.952	ng		97
14) 1,2-Dichlorobenzene	6.98	146	585770	40.344	ng		99
15) Benzyl Alcohol	6.95	79	503827	38.378	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1029647	34.274	ng		99
17) 2-Methylphenol	7.06	107	517562	39.367	ng		98
18) Hexachloroethane	7.32	117	228827	40.197	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	396189	37.663	ng		97
20) 3+4-Methylphenols	7.22	107	627818	38.966	ng	#	83
22) Acetophenone	7.22	105	723951	38.166	ng	#	97
24) Nitrobenzene	7.39	77	618087	39.596	ng		99
25) Isophorone	7.63	82	1121563	37.853	ng		99
26) 2-Nitrophenol	7.71	139	305032	49.629	ng		87
27) 2,4-Dimethylphenol	7.75	122	469985	36.981	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	683388	39.004	ng		99
29) 2,4-Dichlorophenol	7.95	162	468080	40.085	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	523985	40.575	ng		99
31) Naphthalene	8.12	128	1665044	40.758	ng		99
32) Benzoic acid	7.86	122	313177	38.309	ng		94
33) 4-Chloroaniline	8.16	127	729060	38.948	ng		99
34) Hexachlorobutadiene	8.23	225	298109	41.258	ng		99
35) Caprolactam	8.54	113	149845	39.209	ng	#	87
36) 4-Chloro-3-methylphenol	8.65	107	507182	39.739	ng		99
37) 2-Methylnaphthalene	8.81	142	1073037	40.023	ng		98
38) 1-Methylnaphthalene	8.91	142	1024248	40.362	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	487195	40.944	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	272377	40.264	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	348239	40.896	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	384406	40.298	ng		98
46) 1,1'-Biphenyl	9.27	154	1321410	39.965	ng		99
47) 2-Chloronaphthalene	9.30	162	1031057	39.810	ng		99
48) 2-Nitroaniline	9.39	65	369407	41.323	ng		94
49) Acenaphthylene	9.72	152	1607830	39.532	ng		98
50) Dimethylphthalate	9.57	163	1161510	40.280	ng		100
51) 2,6-Dinitrotoluene	9.63	165	267438	43.269	ng		92
52) Acenaphthene	9.89	154	1030784	40.654	ng		99
53) 3-Nitroaniline	9.80	138	322335	41.308	ng		97
54) 2,4-Dinitrophenol	9.91	184	144983	56.555	ng		93
55) Dibenzofuran	10.06	168	1455991	40.052	ng		99
56) 4-Nitrophenol	9.96	139	260341	42.293	ng	#	82
57) 2,4-Dinitrotoluene	10.04	165	354823	45.571	ng		90
58) Fluorene	10.40	166	1103024	41.032	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	294011	41.234	ng		98
60) Diethylphthalate	10.27	149	1184509	40.473	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	545074	41.464	ng		99
62) 4-Nitroaniline	10.42	138	329689	44.060	ng		97
63) Azobenzene	10.56	77	1126399	38.219	ng		94
65) 4,6-Dinitro-2-methylphenol	10.45	198	193673	59.009	ng		89
66) n-Nitrosodiphenylamine	10.51	169	1010949	39.344	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	356742	40.021	ng		92
68) Hexachlorobenzene	10.95	284	371246	40.692	ng		93
69) Atrazine	11.04	200	280506	39.821	ng		98
70) Pentachlorophenol	11.14	266	225812	42.212	ng		99
71) Phenanthrene	11.36	178	1608908	39.643	ng		98
72) Anthracene	11.42	178	1643648	39.848	ng		99
73) Carbazole	11.57	167	1615413	39.566	ng		98
74) Di-n-butylphthalate	11.90	149	1816573	41.593	ng		99
75) Fluoranthene	12.55	202	1769456	40.286	ng		99
77) Benzidine	12.67	184	896641	35.151	ng		99
78) Pyrene	12.78	202	1824550	36.885	ng		99
80) Butylbenzylphthalate	13.40	149	801375	40.055	ng		100
81) Benzo(a)anthracene	13.97	228	1529144	39.013	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	593965	38.434	ng		99
83) Chrysene	14.01	228	1513009	37.403	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	991562	41.575	ng		99
85) Di-n-octyl phthalate	14.57	149	1794109	42.773	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	1422423	37.337	ng		99
88) Benzo(b)fluoranthene	15.02	252	1535446	38.994	ng		99
89) Benzo(k)fluoranthene	15.04	252	1460731	38.959	ng		99
90) Benzo(a)pyrene	15.37	252	1388355	38.798	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	1162200	37.132	ng		100
92) Benzo(g,h,i)perylene	17.32	276	1134727	36.087	ng		95

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

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