Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119729.D
Acq On : 3 Apr 2020 20:15
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 03 23:53:00 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	211607	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	777926	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	403471	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	776542	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	551902	20.00	ng		-0.02
87) Perylene-d12	15.42	264	487720	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1042608	78.43	ng		0.00
7) Phenol-d6	6.43	99	1352623	79.66	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1183549	82.69	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	376237	90.39	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	2141473	78.63	ng		-0.01
79) Terphenyl-d14	12.92	244	2318092	82.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	241974	36.857	ng		97
3) Pyridine	3.25	79	660932	36.543	ng		91
4) n-Nitrosodimethylamine	3.20	42	295008	33.447	ng		93
6) Aniline	6.47	93	903063	38.534	ng		96
8) 2-Chlorophenol	6.59	128	566477	40.575	ng		94
9) Benzaldehyde	6.35	77	378866	35.172	ng		99
10) Phenol	6.45	94	774533	42.748	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	558938	38.571	ng		99
12) 1,3-Dichlorobenzene	6.75	146	604834	40.028	ng		98
13) 1,4-Dichlorobenzene	6.82	146	604893	40.022	ng		99
14) 1,2-Dichlorobenzene	6.97	146	575395	40.730	ng		99
15) Benzyl Alcohol	6.95	79	490844	38.428	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	999948	34.210	ng		99
17) 2-Methylphenol	7.06	107	506372	39.586	ng		99
18) Hexachloroethane	7.32	117	223219	40.301	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	386836	37.796	ng		98
20) 3+4-Methylphenols	7.22	107	615237	39.246	ng	#	77
22) Acetophenone	7.22	105	715480	38.491	ng	#	90
24) Nitrobenzene	7.39	77	609710	39.858	ng		95
25) Isophorone	7.63	82	1102363	37.965	ng		99
26) 2-Nitrophenol	7.70	139	306820	50.941	ng		93
27) 2,4-Dimethylphenol	7.75	122	455510	36.575	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	657257	38.280	ng		100
29) 2,4-Dichlorophenol	7.95	162	461923	40.366	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	505631	39.954	ng		98
31) Naphthalene	8.12	128	1628202	40.672	ng		98
32) Benzoic acid	7.86	122	288684	36.035	ng		95
33) 4-Chloroaniline	8.16	127	717920	39.137	ng		97
34) Hexachlorobutadiene	8.23	225	293757	41.487	ng		99
35) Caprolactam	8.53	113	146241	39.048	ng		97
36) 4-Chloro-3-methylphenol	8.65	107	505405	40.410	ng		99
37) 2-Methylnaphthalene	8.80	142	1065682	40.562	ng		98
38) 1-Methylnaphthalene	8.90	142	1006458	40.472	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	487634	41.234	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	247102	36.753 ng	99
43) 2,4,6-Trichlorophenol	9.08	196	345563	40.832 ng	97
44) 2,4,5-Trichlorophenol	9.12	196	388159	40.943 ng	97
46) 1,1'-Biphenyl	9.27	154	1315906	40.045 ng	99
47) 2-Chloronaphthalene	9.30	162	1028812	39.969 ng	97
48) 2-Nitroaniline	9.39	65	378353	42.586 ng	99
49) Acenaphthylene	9.71	152	1608355	39.790 ng	99
50) Dimethylphthalate	9.57	163	1148413	40.072 ng	100
51) 2,6-Dinitrotoluene	9.63	165	268860	43.768 ng	98
52) Acenaphthene	9.89	154	988214	39.216 ng	98
53) 3-Nitroaniline	9.80	138	325183	41.931 ng	92
54) 2,4-Dinitrophenol	9.90	184	81906	35.287 ng	99
55) Dibenzofuran	10.06	168	1451050	40.163 ng	98
56) 4-Nitrophenol	9.96	139	240289	39.277 ng	96
57) 2,4-Dinitrotoluene	10.03	165	361689	46.740 ng	95
58) Fluorene	10.40	166	1088850	40.755 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	294898	41.614 ng	97
60) Diethylphthalate	10.27	149	1190707	40.936 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	538008	41.179 ng	97
62) 4-Nitroaniline	10.42	138	321212	43.193 ng	95
63) Azobenzene	10.55	77	1133226	38.689 ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	138598	42.564 ng	90
66) n-Nitrosodiphenylamine	10.51	169	1004891	39.419 ng	98
67) 4-Bromophenyl-phenylether	10.88	248	354281	40.060 ng	97
68) Hexachlorobenzene	10.95	284	373660	41.282 ng	96
69) Atrazine	11.04	200	283847	40.614 ng	97
70) Pentachlorophenol	11.14	266	205877	38.791 ng	97
71) Phenanthrene	11.36	178	1606317	39.893 ng	98
72) Anthracene	11.41	178	1646168	40.225 ng	98
73) Carbazole	11.57	167	1581692	39.048 ng	98
74) Di-n-butylphthalate	11.90	149	1816082	41.912 ng	100
75) Fluoranthene	12.55	202	1753264	40.234 ng	97
77) Benzidine	12.67	184	739871	31.677 ng	99
78) Pyrene	12.78	202	1794928	39.628 ng	98
80) Butylbenzylphthalate	13.40	149	771242	42.100 ng	98
81) Benzo(a)anthracene	13.97	228	1407475	39.217 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	518858	36.666 ng	98
83) Chrysene	14.00	228	1422768	38.412 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	955783	43.766 ng	100
85) Di-n-octyl phthalate	14.57	149	1655701	43.109 ng	97
86) Indeno(1,2,3-cd)pyrene	16.87	276	1276147	36.583 ng	99
88) Benzo(b)fluoranthene	15.00	252	1356461	41.635 ng	98
89) Benzo(k)fluoranthene	15.04	252	1199860	38.677 ng	99
90) Benzo(a)pyrene	15.36	252	1176386	39.732 ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1040408	40.175 ng	99
92) Benzo(g,h,i)perylene	17.31	276	1043549	40.110 ng	99

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

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