Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120182.D
Acq On : 23 Apr 2020 23:45
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 24 02:28:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	147791	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	561731	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	293290	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	563038	20.00	ng		0.00
76) Chrysene-d12	13.83	240	412436	20.00	ng		0.00
87) Perylene-d12	15.22	264	352732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	724874	84.76	ng		0.00
7) Phenol-d6	6.31	99	950433	86.25	ng		0.00
23) Nitrobenzene-d5	7.24	82	889512	81.92	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	265704	73.99	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1699373	82.26	ng		0.00
79) Terphenyl-d14	12.77	244	1855541	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	151006	39.64	ng		98
3) Pyridine	2.94	79	417803	39.98	ng		95
4) n-Nitrosodimethylamine	2.90	42	201898	37.81	ng		100
6) Aniline	6.33	93	610600	42.22	ng	#	54
8) 2-Chlorophenol	6.45	128	406233	42.51	ng		98
9) Benzaldehyde	6.21	77	246564	43.12	ng		99
10) Phenol	6.32	94	530904	42.47	ng	#	70
11) bis(2-Chloroethyl)ether	6.41	93	399549	41.39	ng		98
12) 1,3-Dichlorobenzene	6.60	146	437512	41.82	ng		97
13) 1,4-Dichlorobenzene	6.68	146	434679	40.79	ng		97
14) 1,2-Dichlorobenzene	6.84	146	413674	42.12	ng		97
15) Benzyl Alcohol	6.82	79	352639	41.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	721425	38.41	ng		97
17) 2-Methylphenol	6.93	107	361222	42.36	ng		97
18) Hexachloroethane	7.17	117	163360	41.02	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	290243	40.96	ng		98
20) 3+4-Methylphenols	7.09	107	449828	43.13	ng	#	86
22) Acetophenone	7.08	105	548853	41.73	ng	#	94
24) Nitrobenzene	7.26	77	447051	40.93	ng		96
25) Isophorone	7.50	82	840843	40.17	ng		100
26) 2-Nitrophenol	7.57	139	223485	40.95	ng		95
27) 2,4-Dimethylphenol	7.62	122	333459	40.52	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	500872	40.67	ng		99
29) 2,4-Dichlorophenol	7.82	162	338835	40.16	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	375941	39.33	ng		100
31) Naphthalene	7.97	128	1200346	40.61	ng		98
32) Benzoic acid	7.76	122	261894	36.23	ng		97
33) 4-Chloroaniline	8.03	127	517284	40.20	ng		99
34) Hexachlorobutadiene	8.09	225	226406	39.57	ng		98
35) Caprolactam	8.41	113	104393	40.45	ng		97
36) 4-Chloro-3-methylphenol	8.52	107	374092	40.96	ng		97
37) 2-Methylnaphthalene	8.66	142	801361	39.99	ng		100
38) 1-Methylnaphthalene	8.76	142	752478	39.84	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	374514	40.43	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	136536	25.92	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	253374	39.61	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	283847	39.40	ng	97
46) 1,1'-Biphenyl	9.13	154	1012755	40.91	ng	98
47) 2-Chloronaphthalene	9.16	162	776855	40.74	ng	96
48) 2-Nitroaniline	9.25	65	282369	40.86	ng	99
49) Acenaphthylene	9.57	152	1201131	41.42	ng	98
50) Dimethylphthalate	9.44	163	915227	40.34	ng	100
51) 2,6-Dinitrotoluene	9.50	165	203449	40.95	ng	93
52) Acenaphthene	9.74	154	717873	37.11	ng	99
53) 3-Nitroaniline	9.67	138	234855	41.39	ng	97
54) 2,4-Dinitrophenol	9.77	184	99737	33.53	ng	95
55) Dibenzofuran	9.91	168	1086135	40.91	ng	100
56) 4-Nitrophenol	9.84	139	156784	37.14	ng	88
57) 2,4-Dinitrotoluene	9.90	165	262243	40.07	ng	95
58) Fluorene	10.25	166	846926	39.89	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	213165	38.69	ng	99
60) Diethylphthalate	10.13	149	954434	40.59	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	425574	39.11	ng	98
62) 4-Nitroaniline	10.28	138	237556	43.93	ng	99
63) Azobenzene	10.41	77	871712	41.37	ng	96
65) 4,6-Dinitro-2-methylphenol	10.31	198	143334	38.64	ng	82
66) n-Nitrosodiphenylamine	10.37	169	761805	40.68	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	267704	38.23	ng	98
68) Hexachlorobenzene	10.80	284	277440	39.06	ng	99
69) Atrazine	10.90	200	212926	40.87	ng	98
70) Pentachlorophenol	11.00	266	130288	31.83	ng	98
71) Phenanthrene	11.21	178	1233511	41.16	ng	99
72) Anthracene	11.26	178	1256622	41.05	ng	98
73) Carbazole	11.42	167	1187896	41.03	ng	99
74) Di-n-butylphthalate	11.76	149	1529434	40.19	ng	99
75) Fluoranthene	12.40	202	1330933	41.16	ng	98
77) Benzidine	12.52	184	531168	38.10	ng	100
78) Pyrene	12.63	202	1367571	39.33	ng	98
80) Butylbenzylphthalate	13.25	149	657878	38.99	ng	97
81) Benzo(a)anthracene	13.82	228	1090463	40.19	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	393390	38.86	ng	99
83) Chrysene	13.85	228	1110372	40.28	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	870116	38.08	ng	100
85) Di-n-octyl phthalate	14.43	149	1566327	40.26	ng	99
86) Indeno(1,2,3-cd)pyrene	16.57	276	907447	37.34	ng	99
88) Benzo(b)fluoranthene	14.83	252	999412	39.39	ng	99
89) Benzo(k)fluoranthene	14.86	252	908238	41.48	ng	99
90) Benzo(a)pyrene	15.17	252	868842	40.72	ng	100
91) Dibenzo(a,h)anthracene	16.59	278	749938	39.68	ng	99
92) Benzo(g,h,i)perylene	16.98	276	721267	38.66	ng	98

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

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