Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118800.D
Acq On : 4 Feb 2020 13:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 04 16:12:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	324723	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1201728	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	690065	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1291365	20.00	ng	0.00
76) Chrysene-d12	13.97	240	1021215	20.00	ng	0.00
87) Perylene-d12	15.41	264	1068939	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1350007	78.70	ng	0.00
7) Phenol-d6	6.45	99	1715514	80.56	ng	0.00
23) Nitrobenzene-d5	7.38	82	1615110	80.11	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	652861	79.07	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3095868	80.20	ng	0.00
79) Terphenyl-d14	12.92	244	3760287	75.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	303664	38.842	ng	100
3) Pyridine	3.29	79	835549	38.489	ng	100
4) n-Nitrosodimethylamine	3.23	42	308811	39.072	ng	94
6) Aniline	6.48	93	1120741	40.863	ng	100
8) 2-Chlorophenol	6.60	128	775776	40.601	ng	99
9) Benzaldehyde	6.36	77	486845	39.435	ng	99
10) Phenol	6.46	94	958416	40.477	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	725667	40.059	ng	99
12) 1,3-Dichlorobenzene	6.76	146	923927	40.624	ng	99
13) 1,4-Dichlorobenzene	6.83	146	924355	40.745	ng	100
14) 1,2-Dichlorobenzene	6.99	146	849035	39.178	ng	99
15) Benzyl Alcohol	6.96	79	676695	41.111	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	906418	40.859	ng	100
17) 2-Methylphenol	7.07	107	646786	40.715	ng	99
18) Hexachloroethane	7.33	117	329300	40.443	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	527430	40.480	ng	99
20) 3+4-Methylphenols	7.22	107	760159	38.176	ng	97
22) Acetophenone	7.23	105	1050067	40.218	ng	98
24) Nitrobenzene	7.40	77	814502	40.440	ng	98
25) Isophorone	7.64	82	1429844	39.461	ng	99
26) 2-Nitrophenol	7.72	139	425207	39.619	ng	95
27) 2,4-Dimethylphenol	7.75	122	587693	40.311	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	941837	40.085	ng	99
29) 2,4-Dichlorophenol	7.96	162	697041	39.923	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	815770	39.974	ng	100
31) Naphthalene	8.12	128	2199927	40.026	ng	100
32) Benzoic acid	7.88	122	489241	40.531	ng	100
33) 4-Chloroaniline	8.17	127	976481	39.711	ng	98
34) Hexachlorobutadiene	8.25	225	498441	39.866	ng	97
35) Caprolactam	8.54	113	227089	40.122	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	712161	40.531	ng	97
37) 2-Methylnaphthalene	8.81	142	1551920	40.713	ng	99
38) 1-Methylnaphthalene	8.91	142	1461005	40.743	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	822773	39.506	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	326951	40.036	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	551736	39.616	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	570157	40.067	ng		98
46) 1,1'-Biphenyl	9.27	154	1920543	40.234	ng		99
47) 2-Chloronaphthalene	9.30	162	1575191	39.694	ng		100
48) 2-Nitroaniline	9.39	65	458751	40.081	ng		95
49) Acenaphthylene	9.72	152	2289575	39.959	ng		99
50) Dimethylphthalate	9.58	163	1867167	39.738	ng		99
51) 2,6-Dinitrotoluene	9.63	165	430834	40.073	ng		96
52) Acenaphthene	9.89	154	1500020	39.728	ng		99
53) 3-Nitroaniline	9.80	138	477864	40.078	ng		97
54) 2,4-Dinitrophenol	9.91	184	196016	37.926	ng	#	88
55) Dibenzofuran	10.06	168	2116708	38.792	ng		100
56) 4-Nitrophenol	9.96	139	350802	40.652	ng		100
57) 2,4-Dinitrotoluene	10.04	165	577449	40.586	ng		97
58) Fluorene	10.40	166	1574649	38.359	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	503981	40.554	ng		100
60) Diethylphthalate	10.27	149	1817108	39.771	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	851994	38.271	ng		99
62) 4-Nitroaniline	10.42	138	481245	40.305	ng		99
63) Azobenzene	10.55	77	1563103	40.073	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	288250	39.724	ng		97
66) n-Nitrosodiphenylamine	10.51	169	1495079	39.969	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	608441	39.829	ng		98
68) Hexachlorobenzene	10.95	284	698376	39.857	ng		99
69) Atrazine	11.03	200	488915	39.232	ng		99
70) Pentachlorophenol	11.14	266	368537	39.834	ng		100
71) Phenanthrene	11.36	178	2462894	38.763	ng		99
72) Anthracene	11.41	178	2473937	39.139	ng		99
73) Carbazole	11.56	167	2255967	40.669	ng		99
74) Di-n-butylphthalate	11.90	149	2716612	38.444	ng		100
75) Fluoranthene	12.54	202	2729211	39.342	ng		98
77) Benzidine	12.66	184	1280869	41.469	ng		100
78) Pyrene	12.77	202	2744985	39.182	ng		99
80) Butylbenzylphthalate	13.39	149	1252957	39.184	ng		97
81) Benzo(a)anthracene	13.96	228	2409483	39.650	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	1012153	40.724	ng		100
83) Chrysene	14.00	228	2450999	40.187	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1589617	39.183	ng		99
85) Di-n-octyl phthalate	14.56	149	2761657	39.736	ng		100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2382841	38.885	ng		100
88) Benzo(b)fluoranthene	15.00	252	2567506	38.708	ng		99
89) Benzo(k)fluoranthene	15.03	252	2473270	42.820	ng		98
90) Benzo(a)pyrene	15.36	252	2259684	39.807	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	1947998	38.656	ng		99
92) Benzo(g,h,i)perylene	17.28	276	1850804	38.190	ng		99

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

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