Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118561.D
Acq On : 17 Jan 2020 16:30
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 18 01:00:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	381937	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1407632	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	793009	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1436099	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1007433	20.00	ng		0.00
87) Perylene-d12	15.52	264	819932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1679766	81.26	ng		0.00
7) Phenol-d6	6.51	99	2219504	81.95	ng		0.00
23) Nitrobenzene-d5	7.45	82	1971805	86.52	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	758051	86.47	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3713098	84.53	ng		0.00
79) Terphenyl-d14	13.00	244	4227714	82.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	418171	42.103	ng		98
3) Pyridine	3.43	79	982151	35.805	ng		100
4) n-Nitrosodimethylamine	3.37	42	502820	39.966	ng	#	96
6) Aniline	6.55	93	1549291	43.702	ng		99
8) 2-Chlorophenol	6.67	128	1010013	42.963	ng		97
9) Benzaldehyde	6.43	77	805377	58.087	ng		100
10) Phenol	6.52	94	1204476	40.533	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	962002	40.419	ng		97
12) 1,3-Dichlorobenzene	6.83	146	1114677	39.872	ng		98
13) 1,4-Dichlorobenzene	6.91	146	1136423	40.463	ng		98
14) 1,2-Dichlorobenzene	7.06	146	1065214	40.538	ng		98
15) Benzyl Alcohol	7.03	79	927703	41.736	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1341005	38.408	ng		99
17) 2-Methylphenol	7.13	107	819105	41.048	ng		99
18) Hexachloroethane	7.41	117	407868	39.851	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	786386	40.487	ng		99
20) 3+4-Methylphenols	7.29	107	1044068	43.753	ng		93
22) Acetophenone	7.30	105	1446584	42.349	ng	#	95
24) Nitrobenzene	7.47	77	1077930	44.474	ng		99
25) Isophorone	7.71	82	2005773	40.550	ng		98
26) 2-Nitrophenol	7.79	139	464313	44.798	ng		96
27) 2,4-Dimethylphenol	7.82	122	951440	48.364	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	1236084	38.893	ng		99
29) 2,4-Dichlorophenol	8.02	162	893226	41.250	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	983263	38.964	ng		99
31) Naphthalene	8.20	128	2789874	42.027	ng		99
32) Benzoic acid	7.93	122	576010	43.602	ng		99
33) 4-Chloroaniline	8.24	127	1245527	40.381	ng		98
34) Hexachlorobutadiene	8.32	225	587355	37.315	ng		98
35) Caprolactam	8.61	113	277367	41.175	ng		99
36) 4-Chloro-3-methylphenol	8.72	107	889632	41.444	ng		96
37) 2-Methylnaphthalene	8.89	142	1980393	42.109	ng		99
38) 1-Methylnaphthalene	8.99	142	1854341	41.677	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1064118	41.603	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	654530	48.977 ng		99
43) 2,4,6-Trichlorophenol	9.16	196	682259	41.865 ng		99
44) 2,4,5-Trichlorophenol	9.20	196	714971	43.394 ng		98
46) 1,1'-Biphenyl	9.35	154	2467630	43.549 ng		99
47) 2-Chloronaphthalene	9.37	162	1938587	40.590 ng		98
48) 2-Nitroaniline	9.46	65	556680	44.815 ng		96
49) Acenaphthylene	9.79	152	2911169	43.171 ng		99
50) Dimethylphthalate	9.65	163	2166155	39.784 ng		99
51) 2,6-Dinitrotoluene	9.70	165	500186	48.148 ng		94
52) Acenaphthene	9.96	154	1845074	41.767 ng		100
53) 3-Nitroaniline	9.87	138	517601	43.982 ng	#	92
54) 2,4-Dinitrophenol	9.97	184	153686	40.678 ng	#	22
55) Dibenzofuran	10.13	168	2671473	42.733 ng		98
56) 4-Nitrophenol	10.02	139	411044	47.282 ng		91
57) 2,4-Dinitrotoluene	10.10	165	625240	45.907 ng		96
58) Fluorene	10.48	166	2077489	42.914 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	622799	44.184 ng		99
60) Diethylphthalate	10.35	149	2154716	40.536 ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	1096670	41.409 ng		99
62) 4-Nitroaniline	10.49	138	533024	45.603 ng		98
63) Azobenzene	10.63	77	2170731	41.900 ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	258923	45.050 ng		92
66) n-Nitrosodiphenylamine	10.59	169	1917692	41.558 ng		99
67) 4-Bromophenyl-phenylether	10.96	248	738401	38.411 ng	#	93
68) Hexachlorobenzene	11.03	284	813957	38.209 ng		98
69) Atrazine	11.11	200	636951	47.833 ng		98
70) Pentachlorophenol	11.22	266	467815	44.683 ng		100
71) Phenanthrene	11.44	178	3017523	41.802 ng		99
72) Anthracene	11.49	178	3105039	43.114 ng		99
73) Carbazole	11.64	167	2729454	42.022 ng		100
74) Di-n-butylphthalate	11.97	149	3117313	38.620 ng		99
75) Fluoranthene	12.63	202	3158655	40.690 ng		98
77) Benzidine	12.74	184	1504760	61.477 ng		98
78) Pyrene	12.86	202	3220571	42.832 ng		98
80) Butylbenzylphthalate	13.47	149	1229453	38.145 ng		93
81) Benzo(a)anthracene	14.04	228	2581977	40.604 ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	984438	44.125 ng		100
83) Chrysene	14.07	228	2511477	41.060 ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1523846	38.091 ng		99
85) Di-n-octyl phthalate	14.65	149	2234075	36.467 ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2071800	34.421 ng		99
88) Benzo(b)fluoranthene	15.09	252	2113147	39.570 ng		99
89) Benzo(k)fluoranthene	15.12	252	2126314	44.057 ng		99
90) Benzo(a)pyrene	15.46	252	1973203	42.464 ng		100
91) Dibenzo(a,h)anthracene	17.02	278	1725028	39.747 ng		99
92) Benzo(g,h,i)perylene	17.44	276	1705101	40.674 ng		99

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

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