Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118553.D
Acq On : 17 Jan 2020 11:07
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Jan 17 12:17:00 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 12:09:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	418046	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1582014	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	920619	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1669039	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1292104	20.00	ng		0.00
87) Perylene-d12	15.52	264	1132971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1021183	41.82	ng		0.00
7) Phenol-d6	6.50	99	1330876	45.30	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1007466	39.00	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	436091	39.05	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2580193	45.21	ng		0.00
79) Terphenyl-d14	12.99	244	3054171	39.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	232462	23.401	ng		99
3) Pyridine	3.45	79	641693	24.477	ng		99
4) n-Nitrosodimethylamine	3.37	42	293875	32.303	ng		99
6) Aniline	6.55	93	870647	23.486	ng		99
8) 2-Chlorophenol	6.67	128	570847	20.854	ng		98
9) Benzaldehyde	6.43	77	418227	30.565	ng		99
10) Phenol	6.52	94	706241	21.378	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	581184	23.399	ng		95
12) 1,3-Dichlorobenzene	6.83	146	684761	21.583	ng		98
13) 1,4-Dichlorobenzene	6.90	146	699532	22.004	ng		97
14) 1,2-Dichlorobenzene	7.06	146	665529	22.596	ng		98
15) Benzyl Alcohol	7.02	79	548095	26.173	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	862975	33.554	ng		99
17) 2-Methylphenol	7.13	107	475261	22.250	ng		99
18) Hexachloroethane	7.41	117	245516	21.764	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	475780	27.993	ng		98
20) 3+4-Methylphenols	7.29	107	613405	22.059	ng		94
22) Acetophenone	7.29	105	869100	23.680	ng	#	97
24) Nitrobenzene	7.46	77	551381	21.472	ng		94
25) Isophorone	7.70	82	1195153	25.673	ng		96
26) 2-Nitrophenol	7.79	139	175753	11.665	ng		94
27) 2,4-Dimethylphenol	7.82	122	461837	22.963	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	780348	24.316	ng		97
29) 2,4-Dichlorophenol	8.02	162	506579	21.653	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	613895	23.053	ng		98
31) Naphthalene	8.19	128	1741605	21.944	ng		97
32) Benzoic acid	7.91	122	210625	14.503	ng		96
33) 4-Chloroaniline	8.23	127	765155	22.658	ng		98
34) Hexachlorobutadiene	8.32	225	383333	24.502	ng		98
35) Caprolactam	8.59	113	159757	22.158	ng		94
36) 4-Chloro-3-methylphenol	8.71	107	513723	21.275	ng		98
37) 2-Methylnaphthalene	8.89	142	1214836	22.898	ng		99
38) 1-Methylnaphthalene	8.99	142	1146750	22.795	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	656611	23.259	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	317345	74.380	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	387955	21.222	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	397887	21.794	ng		98
46) 1,1'-Biphenyl	9.35	154	1534167	21.031	ng		95
47) 2-Chloronaphthalene	9.37	162	1242757	21.219	ng		98
48) 2-Nitroaniline	9.46	65	259085	16.471	ng		93
49) Acenaphthylene	9.79	152	1809356	21.201	ng		96
50) Dimethylphthalate	9.65	163	1402287	20.637	ng		98
51) 2,6-Dinitrotoluene	9.70	165	218125	14.599	ng		99
52) Acenaphthene	9.96	154	1148321	21.870	ng		99
53) 3-Nitroaniline	9.87	138	257332	14.891	ng	#	97
54) 2,4-Dinitrophenol	9.97	184	54766	9.815	ng	#	1
55) Dibenzofuran	10.13	168	1669933	21.918	ng		99
56) 4-Nitrophenol	10.02	139	186756	23.577	ng		94
57) 2,4-Dinitrotoluene	10.10	165	250840	13.135	ng		98
58) Fluorene	10.47	166	1353062	21.863	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	341446	22.871	ng		97
60) Diethylphthalate	10.35	149	1409062	20.811	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	726742	23.340	ng		97
62) 4-Nitroaniline	10.48	138	263083	15.417	ng		98
63) Azobenzene	10.63	77	1386686	24.727	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	83722	9.506	ng		83
66) n-Nitrosodiphenylamine	10.58	169	1191008	21.734	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	477173	23.716	ng		95
68) Hexachlorobenzene	11.03	284	531079	22.262	ng		94
69) Atrazine	11.10	200	361416	27.503	ng		98
70) Pentachlorophenol	11.21	266	245246	37.250	ng		98
71) Phenanthrene	11.43	178	1971680	21.945	ng		95
72) Anthracene	11.49	178	1957893	21.864	ng		96
73) Carbazole	11.63	167	1745558	21.819	ng		97
74) Di-n-butylphthalate	11.97	149	2161131	20.886	ng		98
75) Fluoranthene	12.62	202	2070049	23.064	ng		97
77) Benzidine	12.73	184	647358	22.447	ng		99
78) Pyrene	12.85	202	2095557	19.193	ng		95
80) Butylbenzylphthalate	13.47	149	835986	17.105	ng		95
81) Benzo(a)anthracene	14.04	228	1835049	20.489	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	665003	21.868	ng		99
83) Chrysene	14.07	228	1740141	20.271	ng		96
84) Bis(2-ethylhexyl)phthalate	14.03	149	1113796	17.058	ng		98
85) Di-n-octyl phthalate	14.64	149	1678877	17.184	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1328312	16.466	ng		100
88) Benzo(b)fluoranthene	15.09	252	1632694	22.486	ng		98
89) Benzo(k)fluoranthene	15.12	252	1429704	21.737	ng		99
90) Benzo(a)pyrene	15.46	252	1355283	20.946	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	1105519	18.817	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1016775	17.789	ng		99

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

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