Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
Data File : BF120708.D
Acq On : 26 Jun 2020 14:22
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 26 16:54:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	177016	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	553052	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	308058	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	615099	20.00	ng		0.00
76) Chrysene-d12	13.96	240	589035	20.00	ng		0.00
86) Perylene-d12	15.40	264	713850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	844761	81.82	ng		0.00
7) Phenol-d6	6.44	99	1075391	83.63	ng		0.00
23) Nitrobenzene-d5	7.36	82	904046	91.37	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	301560	84.20	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1489165	73.96	ng		0.00
79) Terphenyl-d14	12.90	244	1972370	73.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	174417	35.642	ng		99
3) Pyridine	3.21	79	462322	33.607	ng		99
4) n-Nitrosodimethylamine	3.17	42	206773	36.219	ng		98
6) Aniline	6.46	93	665969	40.466	ng		98
8) 2-Chlorophenol	6.59	128	468918	40.190	ng		96
9) Benzaldehyde	6.35	77	302568	37.199	ng		99
10) Phenol	6.45	94	556887	40.588	ng		86
11) bis(2-Chloroethyl)ether	6.53	93	459153	40.176	ng		99
12) 1,3-Dichlorobenzene	6.73	146	510229	41.135	ng		97
13) 1,4-Dichlorobenzene	6.81	146	512318	41.862	ng		97
14) 1,2-Dichlorobenzene	6.97	146	475193	39.861	ng		99
15) Benzyl Alcohol	6.94	79	386188	42.347	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	653924	39.739	ng		98
17) 2-Methylphenol	7.06	107	416055	41.810	ng		99
18) Hexachloroethane	7.30	117	176212	39.076	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	293112	39.294	ng		98
20) 3+4-Methylphenols	7.21	107	455526	36.632	ng		96
22) Acetophenone	7.21	105	553709	44.782	ng	#	96
24) Nitrobenzene	7.38	77	456899	44.128	ng		98
25) Isophorone	7.62	82	899897	46.691	ng		98
26) 2-Nitrophenol	7.69	139	230421	42.066	ng		98
27) 2,4-Dimethylphenol	7.73	122	322257	39.957	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	468621	41.945	ng		99
29) 2,4-Dichlorophenol	7.94	162	347016	42.328	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	371914	40.936	ng		99
31) Naphthalene	8.10	128	1123978	41.389	ng		99
32) Benzoic acid	7.89	122	251873	40.703	ng		95
33) 4-Chloroaniline	8.15	127	512482	41.114	ng		100
34) Hexachlorobutadiene	8.22	225	221291	41.785	ng		99
35) Caprolactam	8.53	113	117779	44.919	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	360918	44.065	ng		97
37) 2-Methylnaphthalene	8.79	142	769195	43.389	ng		100
38) 1-Methylnaphthalene	8.89	142	728683	43.682	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	374693	40.735	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	166344	32.272	ng		97
43) 2,4,6-Trichlorophenol	9.07	196	266193	40.796	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	301412	40.716	ng		98
46) 1,1'-Biphenyl	9.26	154	939788	40.855	ng		99
47) 2-Chloronaphthalene	9.28	162	766792	40.764	ng		99
48) 2-Nitroaniline	9.38	65	238169	40.315	ng		97
49) Acenaphthylene	9.70	152	1182633	40.738	ng		98
50) Dimethylphthalate	9.56	163	932410	42.026	ng		100
51) 2,6-Dinitrotoluene	9.62	165	208275	41.422	ng		99
52) Acenaphthene	9.87	154	695780	40.187	ng		100
53) 3-Nitroaniline	9.79	138	248334	41.121	ng		98
54) 2,4-Dinitrophenol	9.90	184	121446	42.659	ng	#	91
55) Dibenzofuran	10.04	168	1055492	39.759	ng		98
56) 4-Nitrophenol	9.96	139	174495	38.364	ng		89
57) 2,4-Dinitrotoluene	10.03	165	271397	40.677	ng		94
58) Fluorene	10.38	166	813508	39.751	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	238960	41.031	ng		99
60) Diethylphthalate	10.26	149	905890	41.457	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	418942	39.640	ng		96
62) 4-Nitroaniline	10.41	138	249945	41.689	ng		100
63) Azobenzene	10.53	77	808760	40.774	ng		100
65) 4,6-Dinitro-2-methylphenol	10.44	198	160249	43.418	ng		95
66) n-Nitrosodiphenylamine	10.49	169	768203	40.669	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	291834	41.805	ng		98
68) Hexachlorobenzene	10.93	284	311482	41.500	ng		95
69) Atrazine	11.02	200	204690	35.018	ng		99
70) Pentachlorophenol	11.13	266	157043	37.635	ng		99
71) Phenanthrene	11.35	178	1240401	40.567	ng		100
72) Anthracene	11.40	178	1249911	40.555	ng		100
73) Carbazole	11.55	167	1241187	40.683	ng		100
74) Di-n-butylphthalate	11.88	149	1380463	40.247	ng		100
75) Fluoranthene	12.53	202	1344194	38.451	ng		99
77) Benzidine	12.66	184	556583	27.940	ng		99
78) Pyrene	12.76	202	1634703	39.175	ng		100
80) Butylbenzylphthalate	13.38	149	692729	37.386	ng		94
81) Benzo(a)anthracene	13.95	228	1474677	41.671	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	572080	42.322	ng		99
83) Chrysene	13.99	228	1345426	37.064	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	934345	41.318	ng	#	99
85) Di-n-octyl phthalate	14.55	149	1824930	42.286	ng		99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1632031	37.585	ng		99
88) Benzo(b)fluoranthene	14.99	252	1655469	38.932	ng		99
89) Benzo(k)fluoranthene	15.02	252	1516461	40.303	ng		100
90) Benzo(a)pyrene	15.35	252	1528752	40.171	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	1278609	36.720	ng		100
92) Benzo(g,h,i)perylene	17.28	276	1300875	37.064	ng		99

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

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