Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121269.D
Acq On : 13 Aug 2020 13:02
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Aug 13 13:48:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 13:23:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	76019	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	277902	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	143772	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	284694	20.00	ng		0.00
76) Chrysene-d12	13.87	240	238507	20.00	ng		0.00
86) Perylene-d12	15.29	264	258227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	484699	98.48	ng		0.01
7) Phenol-d6	6.36	99	618138	97.46	ng		0.00
23) Nitrobenzene-d5	7.29	82	508157	99.68	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	182061	105.47	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	935355	92.42	ng		0.00
79) Terphenyl-d14	12.83	244	1130223	94.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	107653	50.844	ng		99
3) Pyridine	3.00	79	284112	51.283	ng		99
4) n-Nitrosodimethylamine	2.95	42	118329	51.810	ng		97
6) Aniline	6.39	93	369103	48.937	ng		100
8) 2-Chlorophenol	6.51	128	268545	49.388	ng		98
9) Benzaldehyde	6.27	77	149030	43.977	ng		98
10) Phenol	6.37	94	333648	48.538	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	247206	49.363	ng		98
12) 1,3-Dichlorobenzene	6.66	146	281585	49.182	ng		99
13) 1,4-Dichlorobenzene	6.74	146	283508	48.701	ng		99
14) 1,2-Dichlorobenzene	6.89	146	264947	48.244	ng		98
15) Benzyl Alcohol	6.87	79	209129	48.750	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	353218	49.019	ng		96
17) 2-Methylphenol	6.99	107	211944	48.877	ng		99
18) Hexachloroethane	7.23	117	102596	49.486	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	167223	47.184	ng		99
20) 3+4-Methylphenols	7.14	107	257241	47.582	ng	#	73
22) Acetophenone	7.13	105	340017	48.619	ng	#	96
24) Nitrobenzene	7.31	77	275909	49.300	ng		97
25) Isophorone	7.55	82	505868	49.574	ng		98
26) 2-Nitrophenol	7.63	139	141953	52.571	ng		93
27) 2,4-Dimethylphenol	7.67	122	216566	50.428	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	286090	49.954	ng		100
29) 2,4-Dichlorophenol	7.87	162	222601	50.579	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	239900	50.188	ng		98
31) Naphthalene	8.03	128	754870	48.794	ng		99
32) Benzoic acid	7.79	122	112706	57.638	ng		97
33) 4-Chloroaniline	8.08	127	316054	49.771	ng		98
34) Hexachlorobutadiene	8.15	225	142608	49.095	ng		97
35) Caprolactam	8.45	113	71005	53.001	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	224055	49.860	ng		98
37) 2-Methylnaphthalene	8.72	142	499126	48.752	ng		99
38) 1-Methylnaphthalene	8.82	142	474316	49.327	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	238224	50.425	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	83785	80.775	ng		96
43) 2,4,6-Trichlorophenol	9.00	196	159602	53.459	ng		100
44) 2,4,5-Trichlorophenol	9.04	196	172775	53.088	ng		98
46) 1,1'-Biphenyl	9.18	154	604156	49.725	ng		99
47) 2-Chloronaphthalene	9.21	162	470821	50.039	ng		98
48) 2-Nitroaniline	9.30	65	141468	52.017	ng		92
49) Acenaphthylene	9.62	152	743039	49.564	ng		99
50) Dimethylphthalate	9.49	163	529623	48.703	ng		99
51) 2,6-Dinitrotoluene	9.55	165	125501	51.452	ng	#	86
52) Acenaphthene	9.79	154	439917	49.619	ng		98
53) 3-Nitroaniline	9.72	138	142931	51.712	ng		98
54) 2,4-Dinitrophenol	9.83	184	55804	68.599	ng	#	87
55) Dibenzofuran	9.96	168	679477	48.368	ng		98
56) 4-Nitrophenol	9.88	139	98089	62.553	ng		94
57) 2,4-Dinitrotoluene	9.95	165	165584	52.441	ng		98
58) Fluorene	10.30	166	513539	48.107	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	137112	53.914	ng		98
60) Diethylphthalate	10.18	149	540056	49.040	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	249776	47.557	ng		96
62) 4-Nitroaniline	10.33	138	145436	52.304	ng		96
63) Azobenzene	10.46	77	544556	49.672	ng		98
65) 4,6-Dinitro-2-methylphenol	10.36	198	92672	61.445	ng		95
66) n-Nitrosodiphenylamine	10.42	169	472793	48.698	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	165132	50.106	ng		96
68) Hexachlorobenzene	10.85	284	185195	49.951	ng		95
69) Atrazine	10.95	200	141850	47.789	ng		98
70) Pentachlorophenol	11.05	266	85753	71.122	ng		99
71) Phenanthrene	11.26	178	777394	48.530	ng		99
72) Anthracene	11.32	178	783112	48.656	ng		99
73) Carbazole	11.47	167	765919	48.328	ng		100
74) Di-n-butylphthalate	11.80	149	871426	47.704	ng		99
75) Fluoranthene	12.45	202	875233	48.415	ng		99
77) Benzidine	12.57	184	347924	51.454	ng		99
78) Pyrene	12.68	202	895347	50.898	ng		100
80) Butylbenzylphthalate	13.30	149	382728	50.823	ng		98
81) Benzo(a)anthracene	13.87	228	765524	46.720	ng		100
82) 3,3'-Dichlorobenzidine	13.83	252	319619	49.369	ng		99
83) Chrysene	13.90	228	818590	50.572	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	478747	43.855	ng		99
85) Di-n-octyl phthalate	14.47	149	927717	47.945	ng		100
87) Indeno(1,2,3-cd)pyrene	16.67	276	915747	47.325	ng		100
88) Benzo(b)fluoranthene	14.89	252	850456	50.106	ng		99
89) Benzo(k)fluoranthene	14.92	252	795781	49.635	ng		99
90) Benzo(a)pyrene	15.24	252	774004	49.664	ng		100
91) Dibenzo(a,h)anthracene	16.69	278	781689	47.466	ng		99
92) Benzo(g,h,i)perylene	17.09	276	768399	46.893	ng		98

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

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