Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117020.D
Acq On : 13 Sep 2019 13:49
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Jagrut
9/16/2019 3:29:23 PM

Quant Time: Sep 13 15:00:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 14:40:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78428	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	315452	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	158943	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	258454	20.00	ng		0.00
76) Chrysene-d12	13.97	240	184194	20.00	ng		0.00
87) Perylene-d12	15.43	264	153328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	495518	102.36	ng		0.00
7) Phenol-d6	6.46	99	638397	100.43	ng		0.00
23) Nitrobenzene-d5	7.39	82	602391	109.01	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	128656	121.08	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	987788	104.84	ng		0.00
79) Terphenyl-d14	12.92	244	948673	95.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	105163	47.058	ng		98
3) Pyridine	3.30	79	295988	45.744	ng		96
4) n-Nitrosodimethylamine	3.26	42	97694	43.968	ng		96
6) Aniline	6.49	93	413080	46.917	ng		97
8) 2-Chlorophenol	6.61	128	265740	50.285	ng		98
9) Benzaldehyde	6.37	77	159598	38.109	ng		99
10) Phenol	6.47	94	347820	49.413	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	251371	45.863	ng		99
12) 1,3-Dichlorobenzene	6.77	146	300650	50.336	ng		98
13) 1,4-Dichlorobenzene	6.84	146	298443	50.189	ng		99
14) 1,2-Dichlorobenzene	7.00	146	286032	51.905	ng		98
15) Benzyl Alcohol	6.97	79	243731	47.234	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	253563	39.431	ng		98
17) 2-Methylphenol	7.08	107	222182	48.027	ng		96
18) Hexachloroethane	7.34	117	118146	51.139	ng		94
19) n-Nitroso-di-n-propylamine	7.24	70	188730	45.091	ng		94
20) 3+4-Methylphenols	7.23	107	274666	51.063	ng		91
22) Acetophenone	7.23	105	396468	52.204	ng	#	95
24) Nitrobenzene	7.41	77	298421	53.100	ng		97
25) Isophorone	7.65	82	516312	46.111	ng		99
26) 2-Nitrophenol	7.72	139	130730	62.568	ng		95
27) 2,4-Dimethylphenol	7.76	122	200889	47.607	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	320686	46.867	ng		99
29) 2,4-Dichlorophenol	7.97	162	211019	52.036	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	226720	51.545	ng		100
31) Naphthalene	8.13	128	751022	50.068	ng		99
32) Benzoic acid	7.90	122	149382	62.696	ng		98
33) 4-Chloroaniline	8.17	127	334063	48.925	ng		98
34) Hexachlorobutadiene	8.25	225	129406	53.958	ng		98
35) Caprolactam	8.55	113	70983	46.771	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	243580	52.261	ng		97
37) 2-Methylnaphthalene	8.82	142	502922	50.391	ng		98
38) 1-Methylnaphthalene	8.92	142	467431	49.614	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	201729	52.945	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	80404	36.543	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	137210	52.534	ng		97
44) 2,4,5-Trichlorophenol	9.14	196	146789	54.134	ng		95
46) 1,1'-Biphenyl	9.28	154	612224	50.762	ng		99
47) 2-Chloronaphthalene	9.30	162	479292	50.174	ng		98
48) 2-Nitroaniline	9.40	65	160517	58.123	ng		91
49) Acenaphthylene	9.72	152	724704	50.187	ng		100
50) Dimethylphthalate	9.58	163	545839	49.742	ng		100
51) 2,6-Dinitrotoluene	9.64	165	116108	55.457	ng	#	83
52) Acenaphthene	9.89	154	426871	48.112	ng		99
53) 3-Nitroaniline	9.81	138	148409	56.564	ng		99
54) 2,4-Dinitrophenol	9.92	184	43301	70.400	ng		94
55) Dibenzofuran	10.06	168	633473	50.647	ng		98
56) 4-Nitrophenol	9.97	139	98548	54.778	ng		95
57) 2,4-Dinitrotoluene	10.05	165	156227	61.026	ng		96
58) Fluorene	10.40	166	508817	53.390	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	111418m	56.934	ng		
60) Diethylphthalate	10.27	149	537469	48.896	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	219717	52.648	ng		96
62) 4-Nitroaniline	10.43	138	149087	58.551	ng		97
63) Azobenzene	10.56	77	550895	48.064	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	58408	66.916	ng		83
66) n-Nitrosodiphenylamine	10.52	169	434910	48.643	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	130734	49.793	ng		95
68) Hexachlorobenzene	10.96	284	144152	52.476	ng		97
69) Atrazine	11.04	200	114477	45.716	ng		96
70) Pentachlorophenol	11.15	266	69212	52.084	ng		98
71) Phenanthrene	11.36	178	732236	50.895	ng		100
72) Anthracene	11.42	178	735157	50.761	ng		98
73) Carbazole	11.57	167	708715	51.372	ng		100
74) Di-n-butylphthalate	11.89	149	826577	46.737	ng		99
75) Fluoranthene	12.55	202	748154	52.914	ng		99
77) Benzidine	12.66	184	244460	33.837	ng		98
78) Pyrene	12.78	202	753431	46.015	ng		99
80) Butylbenzylphthalate	13.39	149	355368	44.630	ng		98
81) Benzo(a)anthracene	13.96	228	601842	51.627	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	189285	48.047	ng		98
83) Chrysene	14.00	228	585621	48.760	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	452596	46.047	ng		98
85) Di-n-octyl phthalate	14.57	149	698580	43.431	ng		100
86) Indeno(1,2,3-cd)pyrene	16.87	276	402492	41.723	ng		99
88) Benzo(b)fluoranthene	15.02	252	468129	50.499	ng		99
89) Benzo(k)fluoranthene	15.04	252	440279	52.091	ng		98
90) Benzo(a)pyrene	15.37	252	399368	49.519	ng		97
91) Dibenzo(a,h)anthracene	16.88	278	321187	45.498	ng		99
92) Benzo(g,h,i)perylene	17.30	276	320715	44.546	ng		100

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

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