Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\
Data File : BF111223.D
Acq On : 8 Dec 2018 12:05
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
12/10/2018 4:58:48 PM

Quant Time: Dec 10 00:58:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 00:12:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	484233	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	2088694	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	768639	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1690079	20.00	ng		0.00
76) Chrysene-d12	13.95	240	1335973	20.00	ng		0.00
87) Perylene-d12	15.39	264	1295785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	706827	22.79	ng		0.00
7) Phenol-d6	6.42	99	830994	20.86	ng		-0.01
23) Nitrobenzene-d5	7.36	82	805535	22.76	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	150704	24.39	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1338589	29.28	ng		0.00
79) Terphenyl-d14	12.90	244	1012911	15.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	169367	9.674	ng		99
3) Pyridine	3.27	79	442083	11.106	ng		99
4) n-Nitrosodimethylamine	3.17	42	182383	9.504	ng		94
6) Aniline	6.46	93	559881	10.536	ng		96
8) 2-Chlorophenol	6.58	128	382135	10.709	ng		99
9) Benzaldehyde	6.34	77	303003	13.670	ng		98
10) Phenol	6.43	94	489487m	11.151	ng		
11) bis(2-Chloroethyl)ether	6.53	93	368332	10.352	ng		99
12) 1,3-Dichlorobenzene	6.74	146	399931	10.516	ng		99
13) 1,4-Dichlorobenzene	6.82	146	409684	10.696	ng		98
14) 1,2-Dichlorobenzene	6.97	146	430293	12.125	ng		98
15) Benzyl Alcohol	6.93	79	351408	11.181	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	758788	11.051	ng		98
17) 2-Methylphenol	7.05	107	328267	11.197	ng		99
18) Hexachloroethane	7.32	117	165267	11.539	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	299777	11.244	ng		94
20) 3+4-Methylphenols	7.20	107	419901	11.835	ng		94
22) Acetophenone	7.20	105	551599	10.998	ng	#	88
24) Nitrobenzene	7.37	77	413288	10.870	ng		95
25) Isophorone	7.62	82	676193	10.450	ng		97
26) 2-Nitrophenol	7.69	139	200678	12.180	ng		97
27) 2,4-Dimethylphenol	7.73	122	324834	10.754	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	484378	11.052	ng		97
29) 2,4-Dichlorophenol	7.93	162	326457	10.980	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	327187	10.891	ng		97
31) Naphthalene	8.10	128	1112433	12.220	ng		96
32) Benzoic acid	7.80	122	250188	12.111	ng		98
33) 4-Chloroaniline	8.15	127	473558	10.795	ng		99
34) Hexachlorobutadiene	8.23	225	176647	10.834	ng		97
35) Caprolactam	8.49	113	102949	9.413	ng		90
36) 4-Chloro-3-methylphenol	8.62	107	292391	9.027	ng		97
37) 2-Methylnaphthalene	8.79	142	602753	9.647	ng		99
38) 1-Methylnaphthalene	8.89	142	632679	10.518	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	257259	12.541	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	137335	12.561	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	178773	11.879	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	197017	12.881	ng		97
46) 1,1'-Biphenyl	9.26	154	794143	12.646	ng		93
47) 2-Chloronaphthalene	9.28	162	604823	12.380	ng		95
48) 2-Nitroaniline	9.37	65	200289	12.532	ng		97
49) Acenaphthylene	9.69	152	884784	12.951	ng		95
50) Dimethylphthalate	9.55	163	698072	13.071	ng		98
51) 2,6-Dinitrotoluene	9.61	165	136494	11.958	ng	#	87
52) Acenaphthene	9.87	154	519657	11.484	ng		99
53) 3-Nitroaniline	9.77	138	166560	11.615	ng		97
54) 2,4-Dinitrophenol	9.88	184	39755	11.736	ng	#	73
55) Dibenzofuran	10.04	168	732822	11.792	ng		96
56) 4-Nitrophenol	9.93	139	122030	11.229	ng		98
57) 2,4-Dinitrotoluene	10.01	165	153530	10.357	ng		95
58) Fluorene	10.38	166	531720	12.177	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	134454	11.752	ng		99
60) Diethylphthalate	10.26	149	670892	12.550	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	265679	12.329	ng		97
62) 4-Nitroaniline	10.38	138	141551	10.832	ng		95
63) Azobenzene	10.53	77	599637	10.580	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	66077	8.830	ng		98
66) n-Nitrosodiphenylamine	10.49	169	501441	8.485	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	185169	10.299	ng		98
68) Hexachlorobenzene	10.93	284	192135	10.442	ng		98
69) Atrazine	11.02	200	196373	12.210	ng		99
70) Pentachlorophenol	11.12	266	143274	11.717	ng		93
71) Phenanthrene	11.34	178	1010797	12.445	ng		95
72) Anthracene	11.39	178	1009809	12.330	ng		94
73) Carbazole	11.55	167	1065498	12.484	ng		94
74) Di-n-butylphthalate	11.89	149	1228246	12.304	ng	#	95
75) Fluoranthene	12.53	202	861887	10.806	ng		98
77) Benzidine	12.64	184	357329	7.885	ng		96
78) Pyrene	12.76	202	793894	7.708	ng		95
80) Butylbenzylphthalate	13.38	149	385664	7.730	ng		91
81) Benzo(a)anthracene	13.94	228	816431	10.533	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	319731	10.797	ng		99
83) Chrysene	13.97	228	776017	10.004	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	627797	10.461	ng		98
85) Di-n-octyl phthalate	14.56	149	1055589	11.017	ng		97
86) Indeno(1,2,3-cd)pyrene	16.79	276	681532	10.890	ng		98
88) Benzo(b)fluoranthene	14.97	252	793119	10.806	ng		99
89) Benzo(k)fluoranthene	15.00	252	752416m	10.649	ng		
90) Benzo(a)pyrene	15.32	252	730965	10.870	ng		99
91) Dibenzo(a,h)anthracene	16.81	278	579372	10.280	ng		99
92) Benzo(g,h,i)perylene	17.22	276	549224	9.696	ng		96

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

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