Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111317.D
Acq On : 12 Dec 2018 11:37
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
12/13/2018 6:05:54 PM

Quant Time: Dec 12 12:12:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 11:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	342485	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1408614	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	638700	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1083856	20.00	ng	0.00
76) Chrysene-d12	13.96	240	685559	20.00	ng	0.00
87) Perylene-d12	15.39	264	558867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2003095	92.36	ng	0.00
7) Phenol-d6	6.43	99	2613250	96.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	2452971	97.67	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	538975	95.26	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3788202	93.56	ng	0.00
79) Terphenyl-d14	12.90	244	2986150	104.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	495037	44.484	ng	99
3) Pyridine	3.26	79	1307344	44.220	ng	98
4) n-Nitrosodimethylamine	3.20	42	592853	47.033	ng	92
6) Aniline	6.46	93	1696300	47.201	ng	99
8) 2-Chlorophenol	6.59	128	1203388	48.812	ng	95
9) Benzaldehyde	6.34	77	710737	42.488	ng	100
10) Phenol	6.45	94	1485647	47.138	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	1190710	48.850	ng	98
12) 1,3-Dichlorobenzene	6.74	146	1292997	48.811	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1309600	48.962	ng	100
14) 1,2-Dichlorobenzene	6.97	146	1191016	47.741	ng	99
15) Benzyl Alcohol	6.94	79	1017504	47.702	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	2291144	50.205	ng	99
17) 2-Methylphenol	7.06	107	990300	49.201	ng	98
18) Hexachloroethane	7.31	117	498735	48.975	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	868279	48.088	ng	97
20) 3+4-Methylphenols	7.21	107	1120583	46.807	ng	98
22) Acetophenone	7.21	105	1538845	47.745	ng	99
24) Nitrobenzene	7.38	77	1253487	47.956	ng	99
25) Isophorone	7.62	82	2069150	48.373	ng	98
26) 2-Nitrophenol	7.69	139	654223	50.376	ng	96
27) 2,4-Dimethylphenol	7.73	122	929720	46.329	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1414043	47.738	ng	99
29) 2,4-Dichlorophenol	7.94	162	983284	47.919	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	995533	49.254	ng	100
31) Naphthalene	8.10	128	3087881	50.228	ng	99
32) Benzoic acid	7.88	122	853251m	51.417	ng	
33) 4-Chloroaniline	8.15	127	1441083	48.805	ng	98
34) Hexachlorobutadiene	8.23	225	550897	49.376	ng	98
35) Caprolactam	8.54	113	349894m	48.121	ng	
36) 4-Chloro-3-methylphenol	8.63	107	1039670	49.486	ng	98
37) 2-Methylnaphthalene	8.79	142	2020443	49.501	ng	100
38) 1-Methylnaphthalene	8.89	142	1948489	48.747	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	864041	48.618	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	475875	47.018 ng	97
43) 2,4,6-Trichlorophenol	9.07	196	631387	47.329 ng	100
44) 2,4,5-Trichlorophenol	9.11	196	684272	49.240 ng	95
46) 1,1'-Biphenyl	9.26	154	2573393	47.931 ng	99
47) 2-Chloronaphthalene	9.28	162	2023631	48.422 ng	99
48) 2-Nitroaniline	9.37	65	696746	48.873 ng	96
49) Acenaphthylene	9.70	152	2908386	47.938 ng	98
50) Dimethylphthalate	9.56	163	2219536	47.097 ng	99
51) 2,6-Dinitrotoluene	9.62	165	517972	49.769 ng	99
52) Acenaphthene	9.87	154	1865757	49.005 ng	98
53) 3-Nitroaniline	9.79	138	620435	48.297 ng	100
54) 2,4-Dinitrophenol	9.89	184	216890	52.736 ng	93
55) Dibenzofuran	10.04	168	2654399	51.247 ng	100
56) 4-Nitrophenol	9.95	139	460808	46.058 ng	99
57) 2,4-Dinitrotoluene	10.02	165	665564	51.875 ng	98
58) Fluorene	10.39	166	1866878	46.576 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	513165	48.717 ng	99
60) Diethylphthalate	10.26	149	2201321	48.995 ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	922533	46.356 ng	98
62) 4-Nitroaniline	10.40	138	590619	48.591 ng	99
63) Azobenzene	10.53	77	2236290	47.941 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	328008	56.087 ng	86
66) n-Nitrosodiphenylamine	10.50	169	1849582	50.131 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	586278	49.386 ng	94
68) Hexachlorobenzene	10.93	284	602456	49.888 ng	94
69) Atrazine	11.02	200	531289	47.354 ng	98
70) Pentachlorophenol	11.12	266	435118	49.668 ng	98
71) Phenanthrene	11.35	178	2653684	48.541 ng	97
72) Anthracene	11.39	178	2692921	47.084 ng	97
73) Carbazole	11.55	167	2817729	47.115 ng	98
74) Di-n-butylphthalate	11.89	149	3173111	51.620 ng	98
75) Fluoranthene	12.53	202	2567611	51.414 ng	98
77) Benzidine	12.64	184	713655	35.059 ng	100
78) Pyrene	12.76	202	2658356	54.263 ng	98
80) Butylbenzylphthalate	13.38	149	1284393	50.194 ng	93
81) Benzo(a)anthracene	13.94	228	1836690	48.022 ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	676935	43.182 ng	96
83) Chrysene	13.98	228	1903017	48.264 ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1534062	50.452 ng	99
85) Di-n-octyl phthalate	14.56	149	2472865	48.522 ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1539083	48.356 ng	97
88) Benzo(b)fluoranthene	14.98	252	1585484	51.299 ng	98
89) Benzo(k)fluoranthene	15.01	252	1519175	52.281 ng	99
90) Benzo(a)pyrene	15.33	252	1431475	50.296 ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1271546	56.881 ng	96
92) Benzo(g,h,i)perylene	17.24	276	1298965	58.047 ng	96

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

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