Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102288.D
Acq On : 22 Jan 2018 10:07
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
1/23/2018 12:46:22 PM

Quant Time: Jan 22 13:31:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 22 12:26:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134341	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	562458	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	258713	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	473043	20.00	ng		0.00
75) Chrysene-d12	13.87	240	407864	20.00	ng		0.00
86) Perylene-d12	15.29	264	375392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	48604	5.11	ng		0.00
7) Phenol-d6	6.35	99	62117	5.47	ng		-0.01
23) Nitrobenzene-d5	7.27	82	54046	5.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	14730	6.52	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.82	244	115126	5.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	11454	2.412	ng		97
3) Pyridine	3.11	79	26922	2.076	ng		95
6) Aniline	6.37	93	39678	2.480	ng	#	93
8) 2-Chlorophenol	6.50	128	25703	2.694	ng		98
9) Benzaldehyde	6.26	77	19738	2.504	ng		90
10) Phenol	6.36	94	33764	2.632	ng		98
11) bis(2-Chloroethyl)ether	6.45	93	24846	2.545	ng		98
12) 1,3-Dichlorobenzene	6.65	146	31522	2.866	ng		97
13) 1,4-Dichlorobenzene	6.73	146	30906	2.816	ng		97
14) 1,2-Dichlorobenzene	6.88	146	29220	2.876	ng		93
15) Benzyl Alcohol	6.86	79	22392	2.697	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	42402	2.356	ng		96
17) 2-Methylphenol	6.97	107	22263	2.586	ng		97
18) Hexachloroethane	7.22	117	10548	2.729	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	18447	2.480	ng		89
22) Acetophenone	7.12	105	40919	3.019	ng	#	95
24) Nitrobenzene	7.29	77	28041	2.726	ng		98
25) Isophorone	7.53	82	47628	2.518	ng		98
26) 2-Nitrophenol	7.62	139	13412	3.116	ng		92
27) 2,4-Dimethylphenol	7.66	122	20661	2.570	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	30175	2.642	ng		97
29) 2,4-Dichlorophenol	7.86	162	22050	2.888	ng		91
30) 1,2,4-Trichlorobenzene	7.94	180	23945	2.999	ng		98
31) Naphthalene	8.02	128	82165	2.923	ng		99
33) 4-Chloroaniline	8.07	127	33699	2.809	ng		96
34) Hexachlorobutadiene	8.13	225	12630	2.988	ng		94
35) Caprolactam	8.40	113	6676	2.547	ng		92
36) 4-Chloro-3-methylphenol	8.56	107	22646	2.710	ng		93
37) 2-Methylnaphthalene	8.71	142	55709	3.011	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	22438	3.066	ng		96
42) 2,4,6-Trichlorophenol	8.99	196	14070	2.790	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	16079	2.821	ng		92
45) 1,1'-Biphenyl	9.17	154	69752	3.050	ng		98
46) 2-Chloronaphthalene	9.20	162	52955	2.986	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.30	65	14850	2.796	ng		96
48) Acenaphthylene	9.61	152	86014	3.056	ng		100
49) Dimethylphthalate	9.47	163	63193	3.045	ng		98
50) 2,6-Dinitrotoluene	9.53	165	12765	3.079	ng		98
51) Acenaphthene	9.78	154	51517	3.016	ng		98
52) 3-Nitroaniline	9.70	138	15066	2.880	ng		98
55) 4-Nitrophenol	9.88	139	8060	2.067	ng		93
56) 2,4-Dinitrotoluene	9.94	165	16119	3.102	ng	#	95
58) 2,3,4,6-Tetrachlorophenol	10.07	232	11685	2.879	ng	#	94
59) Diethylphthalate	10.17	149	62277	3.017	ng		97
61) 4-Nitroaniline	10.31	138	14584	2.937	ng		90
62) Azobenzene	10.45	77	57149	2.782	ng		98
65) n-Nitrosodiphenylamine	10.40	169	52311	2.953	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	14846	2.972	ng		95
67) Hexachlorobenzene	10.84	284	16993	3.116	ng		96
68) Atrazine	10.93	200	15970	3.120	ng		96
70) Phenanthrene	11.26	178	85845	3.107	ng		97
71) Anthracene	11.31	178	86224	3.077	ng		97
72) Carbazole	11.47	167	84854	3.081	ng		98
73) Di-n-butylphthalate	11.80	149	105018	3.108	ng		98
74) Fluoranthene	12.44	202	86866	3.195	ng		98
76) Benzidine	12.57	184	40016	2.032	ng		97
77) Pyrene	12.67	202	89380	2.479	ng		98
79) Butylbenzylphthalate	13.29	149	42833	2.589	ng		98
80) Benzo(a)anthracene	13.86	228	74659	2.869	ng		97
81) 3,3'-Dichlorobenzidine	13.83	252	27809	2.886	ng		97
82) Chrysene	13.89	228	74415	2.742	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	63131	3.326	ng	#	99
84) Di-n-octyl phthalate	14.46	149	95898	3.045	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	63285	3.204	ng		97
87) Benzo(b)fluoranthene	14.88	252	66267	2.707	ng		98
88) Benzo(k)fluoranthene	14.91	252	69562	2.946	ng		96
89) Benzo(a)pyrene	15.23	252	61440	2.789	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	52147	2.967	ng		98
91) Benzo(g,h,i)perylene	17.09	276	50986	2.880	ng		94

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

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