Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF103999.D
Acq On : 28 Mar 2018 10:09
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
3/29/2018 5:35:47 PM

Quant Time: Mar 28 13:34:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 12:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	124160	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	521644	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	247347	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	475287	20.00	ng		0.00
75) Chrysene-d12	14.15	240	418848	20.00	ng		0.00
86) Perylene-d12	15.69	264	421413	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	38880m	4.76	ng		0.06
7) Phenol-d6	6.61	99	54017m	5.41	ng		0.00
23) Nitrobenzene-d5	7.53	82	42159	5.64	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	14320	6.73	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.08	244	110480	6.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	8305m	2.066	ng		
3) Pyridine	3.75	79	18122m	1.639	ng		
6) Aniline	6.66	93	22948	1.609	ng	#	83
8) 2-Chlorophenol	6.76	128	21594m	2.525	ng		
9) Benzaldehyde	6.55	77	16146m	2.461	ng		
10) Phenol	6.64	94	29084m	2.741	ng		
12) 1,3-Dichlorobenzene	6.91	146	24579	2.524	ng		94
13) 1,4-Dichlorobenzene	6.98	146	27722	2.833	ng		99
14) 1,2-Dichlorobenzene	7.13	146	26364	2.903	ng		95
15) Benzyl Alcohol	7.13	79	14415	1.863	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	26746	2.146	ng	#	48
17) 2-Methylphenol	7.23	107	16888	2.218	ng	#	74
18) Hexachloroethane	7.47	117	9072	2.635	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	14554	2.274	ng	#	91
20) 3+4-Methylphenols	7.39	107	21462	2.221	ng	#	62
22) Acetophenone	7.37	105	35424m	2.642	ng		
24) Nitrobenzene	7.55	77	21788	2.481	ng		94
25) Isophorone	7.77	82	40485	2.338	ng		99
26) 2-Nitrophenol	7.87	139	10501	3.657	ng		94
27) 2,4-Dimethylphenol	7.90	122	18854m	2.542	ng		
28) bis(2-Chloroethoxy)methane	7.99	93	25958m	2.476	ng		
29) 2,4-Dichlorophenol	8.12	162	17468m	2.588	ng		
30) 1,2,4-Trichlorobenzene	8.19	180	20928	2.674	ng		99
31) Naphthalene	8.27	128	68930	2.616	ng		99
33) 4-Chloroaniline	8.33	127	25773	2.331	ng		96
34) Hexachlorobutadiene	8.37	225	11530	2.686	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	17817	2.395	ng		89
37) 2-Methylnaphthalene	8.96	142	46429	2.778	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	20139	2.854	ng		97
42) 2,4,6-Trichlorophenol	9.24	196	11637	2.578	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	15337	3.011	ng		95
45) 1,1'-Biphenyl	9.42	154	60210	2.919	ng		98
46) 2-Chloronaphthalene	9.45	162	45528	2.779	ng		95
47) 2-Nitroaniline	9.56	65	11996	3.135	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.86	152	72233	2.843	ng		99
49) Dimethylphthalate	9.71	163	53195	2.819	ng		100
50) 2,6-Dinitrotoluene	9.79	165	10572	3.118	ng		94
51) Acenaphthene	10.03	154	42591	2.824	ng		97
52) 3-Nitroaniline	9.97	138	12258	2.994	ng		98
54) Dibenzofuran	10.21	168	61704	2.864	ng		98
56) 2,4-Dinitrotoluene	10.20	165	13346	3.208	ng	#	97
57) Fluorene	10.55	166	52454	3.138	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	11645	3.226	ng	#	87
59) Diethylphthalate	10.41	149	51957	2.774	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	22834	2.989	ng		94
61) 4-Nitroaniline	10.59	138	11203	2.841	ng		86
62) Azobenzene	10.70	77	46942	2.465	ng		96
65) n-Nitrosodiphenylamine	10.66	169	44068	2.724	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	13108	2.686	ng		92
67) Hexachlorobenzene	11.10	284	15491	2.781	ng		95
68) Atrazine	11.19	200	13165	2.631	ng		98
70) Phenanthrene	11.52	178	72224	2.778	ng		98
71) Anthracene	11.57	178	76845	2.910	ng		97
72) Carbazole	11.74	167	71269	2.777	ng		100
73) Di-n-butylphthalate	12.04	149	84418	2.741	ng		98
74) Fluoranthene	12.72	202	78978	2.949	ng		99
76) Benzidine	12.85	184	29516m	1.652	ng		
77) Pyrene	12.94	202	82132	2.670	ng		99
79) Butylbenzylphthalate	13.55	149	36745	2.696	ng		96
80) Benzo(a)anthracene	14.14	228	70900	2.674	ng		99
82) Chrysene	14.17	228	73596	2.912	ng		95
83) Bis(2-ethylhexyl)phthalate	14.10	149	52429	2.693	ng		99
84) Di-n-octyl phthalate	14.72	149	83108	2.934	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	75224	3.408	ng		99
87) Benzo(b)fluoranthene	15.23	252	65930	2.476	ng		99
88) Benzo(k)fluoranthene	15.26	252	70921	2.771	ng		99
89) Benzo(a)pyrene	15.62	252	64863	2.686	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	62369	2.983	ng		98
91) Benzo(g,h,i)perylene	17.75	276	62545	3.075	ng		99

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

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