Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105138.D
Acq On : 8 May 2018 11:13
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Quant Time: May 08 14:45:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	182160	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	734722	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	368474	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	719618	20.00	ng		0.00
75) Chrysene-d12	14.00	240	582850	20.00	ng		-0.01
86) Perylene-d12	15.54	264	481418	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	52702	4.42	ng		-0.01
7) Phenol-d6	6.40	99	63507	4.34	ng		-0.02
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.90	244	145947	5.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	16900	3.044	ng		98
3) Pyridine	3.25	79	38841	2.489	ng	#	85
4) n-Nitrosodimethylamine	3.18	42	19105	3.502	ng	#	66
6) Aniline	6.45	93	49372	2.428	ng		97
8) 2-Chlorophenol	6.57	128	28029	2.229	ng		98
9) Benzaldehyde	6.34	77	27347	3.744	ng		95
10) Phenol	6.42	94	34627	2.230	ng		99
11) bis(2-Chloroethyl)ether	6.52	93	33245	2.682	ng		92
12) 1,3-Dichlorobenzene	6.73	146	40210	2.823	ng		94
13) 1,4-Dichlorobenzene	6.81	146	39851	2.806	ng		97
14) 1,2-Dichlorobenzene	6.96	146	37472	2.848	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	60190	3.616	ng		96
17) 2-Methylphenol	7.03	107	23766	2.174	ng		94
18) Hexachloroethane	7.30	117	10699	2.113	ng		91
19) n-Nitroso-di-n-propylamine	7.19	70	21030	2.199	ng	#	87
20) 3+4-Methylphenols	7.19	107	29159	2.151	ng	#	82
22) Acetophenone	7.19	105	50986	2.819	ng	#	88
25) Isophorone	7.60	82	59894	2.517	ng		94
27) 2,4-Dimethylphenol	7.72	122	22113	2.106	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	38778	2.666	ng	#	97
30) 1,2,4-Trichlorobenzene	8.01	180	32322	2.939	ng		98
31) Naphthalene	8.09	128	104766	2.864	ng		98
33) 4-Chloroaniline	8.14	127	39144	2.497	ng		96
34) Hexachlorobutadiene	8.21	225	18603	3.089	ng		92
37) 2-Methylnaphthalene	8.78	142	71005	3.000	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	33455	3.172	ng		97
45) 1,1'-Biphenyl	9.25	154	87621	2.831	ng		97
46) 2-Chloronaphthalene	9.27	162	62876	2.572	ng		96
48) Acenaphthylene	9.69	152	92613	2.414	ng		100
51) Acenaphthene	9.86	154	62804	2.683	ng		97
54) Dibenzofuran	10.03	168	92513	2.836	ng		100
57) Fluorene	10.37	166	72052	3.035	ng		99
62) Azobenzene	10.53	77	69977	2.531	ng		94
65) n-Nitrosodiphenylamine	10.48	169	62425	2.502	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) 4-Bromophenyl-phenylether	10.86	248	19612	2.562	ng		93
67) Hexachlorobenzene	10.92	284	24770	2.876	ng	#	91
70) Phenanthrene	11.33	178	111659	2.786	ng		97
71) Anthracene	11.39	178	107548	2.640	ng		98
72) Carbazole	11.54	167	93377	2.346	ng		97
74) Fluoranthene	12.52	202	103072	2.462	ng		97
77) Pyrene	12.75	202	111812	2.588	ng		97
80) Benzo(a)anthracene	13.99	228	87823	2.522	ng		98
82) Chrysene	14.03	228	96358	2.694	ng		97
87) Benzo(b)fluoranthene	15.12	252	66604	2.191	ng		99
88) Benzo(k)fluoranthene	15.14	252	70739	2.464	ng		97
89) Benzo(a)pyrene	15.48	252	58909	2.165	ng		98

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

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