Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041216\
Data File : BE091645.D
Acq On : 12 Apr 2016 10:29
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 13 07:09:51 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	46213	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	224039	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	134907	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	353907	5.00	ng		0.00
26) Chrysene-d12	21.31	240	443943	5.00	ng		0.00
35) Perylene-d12	23.76	264	387325	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4097	0.37	ng		0.00
5) Phenol-d6	6.97	99	5498	0.37	ng		0.00
8) Nitrobenzene-d5	8.96	82	4706	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.91	330	1309m	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	14719	0.39	ng		0.00
29) Terphenyl-d14	19.76	244	22195	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	2083m	0.33	ng		
3) n-Nitrosodimethylamine	3.66	42	2639	0.37	ng	#	95
6) bis(2-Chloroethyl)ether	7.23	93	4929	0.39	ng	#	77
9) Nitrobenzene	9.00	77	4828	0.46	ng		96
10) Naphthalene	10.63	128	18245	0.39	ng		99
11) Hexachlorobutadiene	10.92	225	2581m	0.38	ng		
12) 2-Methylnaphthalene	12.24	142	11392	0.39	ng		94
16) Acenaphthylene	14.14	152	19535	0.37	ng	#	77
17) Acenaphthene	14.47	154	13442	0.41	ng		91
18) Fluorene	15.46	166	15876	0.38	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	4376	0.35	ng		97
21) Hexachlorobenzene	16.46	284	4805	0.37	ng		99
22) Pentachlorophenol	16.81	266	1612	0.46	ng		91
23) Phenanthrene	17.19	178	30206	0.37	ng		99
24) Anthracene	17.29	178	25621	0.36	ng		99
25) Fluoranthene	19.21	202	29956	0.35	ng		97
27) Benzidine	19.38	184	9921	0.54	ng	#	78
28) Pyrene	19.55	202	31777	0.36	ng		99
30) Benzo(a)anthracene	21.29	228	41134m	0.41	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	18575	0.41	ng	#	82
32) Chrysene	21.33	228	36585m	0.41	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	11173	0.41	ng	#	80
34) Indeno(1,2,3-cd)pyrene	26.32	276	37645	0.37	ng		96
36) Benzo(b)fluoranthene	23.00	252	36975	0.41	ng		99
37) Benzo(k)fluoranthene	23.06	252	32883m	0.37	ng		
38) Benzo(a)pyrene	23.64	252	31670	0.38	ng		98
39) Dibenzo(a,h)anthracene	26.34	278	30898	0.38	ng		97
40) Benzo(g,h,i)perylene	27.10	276	31793	0.38	ng		97

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

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