Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE052316\
Data File : BE091842.D
Acq On : 23 May 2016 11:38
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
umangi
5/24/2016 7:35:23 PM

Quant Time: May 24 02:31:06 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	21801	5.00	ng		-0.02
7) Naphthalene-d8	10.55	136	100596	5.00	ng		-0.02
13) Acenaphthene-d10	14.41	164	65847	5.00	ng		-0.01
19) Phenanthrene-d10	17.14	188	204892	5.00	ng		-0.01
26) Chrysene-d12	21.29	240	297350	5.00	ng		-0.02
35) Perylene-d12	23.73	264	262485	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2633	0.46	ng		0.00
5) Phenol-d6	6.95	99	3123	0.39	ng		0.00
8) Nitrobenzene-d5	8.93	82	2892	0.43	ng		-0.01
14) 2,4,6-Tribromophenol	15.88	330	1444	0.56	ng		-0.01
15) 2-Fluorobiphenyl	13.02	172	7414	0.40	ng		-0.01
29) Terphenyl-d14	19.74	244	16449	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1319	0.53	ng		91
3) n-Nitrosodimethylamine	3.63	42	1437	0.41	ng	#	93
6) bis(2-Chloroethyl)ether	7.21	93	2597	0.40	ng	#	80
9) Nitrobenzene	8.98	77	2865	0.42	ng		93
10) Naphthalene	10.61	128	8320	0.37	ng		98
11) Hexachlorobutadiene	10.90	225	1288m	0.39	ng		
12) 2-Methylnaphthalene	12.22	142	5583	0.37	ng		91
16) Acenaphthylene	14.11	152	10249m	0.35	ng		
17) Acenaphthene	14.46	154	6410	0.36	ng		88
18) Fluorene	15.44	166	8915	0.39	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	2750	0.36	ng		96
21) Hexachlorobenzene	16.45	284	2741	0.34	ng		99
22) Pentachlorophenol	16.79	266	907	0.28	ng		95
23) Phenanthrene	17.17	178	17280	0.34	ng		97
24) Anthracene	17.26	178	16232	0.36	ng		98
25) Fluoranthene	19.19	202	21975	0.40	ng		96
27) Benzidine	19.36	184	9111	0.53	ng	#	88
28) Pyrene	19.53	202	23028	0.35	ng		99
30) Benzo(a)anthracene	21.27	228	29976m	0.42	ng		
31) 3,3'-Dichlorobenzidine	21.22	252	18379	0.40	ng	#	81
32) Chrysene	21.31	228	23958m	0.43	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	13710	0.57	ng	#	82
34) Indeno(1,2,3-cd)pyrene	26.27	276	29185	0.40	ng		95
36) Benzo(b)fluoranthene	22.97	252	26140	0.40	ng		96
37) Benzo(k)fluoranthene	23.02	252	26221	0.39	ng		97
38) Benzo(a)pyrene	23.61	252	25153	0.40	ng		96
39) Dibenzo(a,h)anthracene	26.29	278	24083	0.39	ng		97
40) Benzo(g,h,i)perylene	27.06	276	24485	0.39	ng		96

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

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