Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091831.D
Acq On : 20 May 2016 5:24
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
umangi
5/20/2016 7:20:44 PM

Quant Time: May 20 15:15:14 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	7.78	152	20891	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	108304	5.00	ng		0.00
13) Acenaphthene-d10	14.40	164	75270	5.00	ng		-0.01
19) Phenanthrene-d10	17.14	188	218322	5.00	ng		-0.01
26) Chrysene-d12	21.29	240	266989	5.00	ng		-0.02
35) Perylene-d12	23.73	264	231200	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2490	0.46	ng		0.00
5) Phenol-d6	6.97	99	3486	0.45	ng		0.02
8) Nitrobenzene-d5	8.95	82	2732	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	1163	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	8075	0.38	ng		0.00
29) Terphenyl-d14	19.74	244	14486	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	1013	0.42	ng	#	87
3) n-Nitrosodimethylamine	3.63	42	1268	0.38	ng		99
6) bis(2-Chloroethyl)ether	7.21	93	2330	0.38	ng	#	78
9) Nitrobenzene	8.99	77	2725	0.37	ng	#	93
10) Naphthalene	10.61	128	9153	0.38	ng		99
11) Hexachlorobutadiene	10.90	225	1368m	0.39	ng		
12) 2-Methylnaphthalene	12.23	142	6116	0.38	ng		99
16) Acenaphthylene	14.12	152	12982	0.39	ng	#	73
17) Acenaphthene	14.46	154	7861	0.39	ng		92
18) Fluorene	15.44	166	10009	0.38	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	3011	0.37	ng		92
21) Hexachlorobenzene	16.45	284	3115m	0.37	ng		
22) Pentachlorophenol	16.79	266	833	0.24	ng		92
23) Phenanthrene	17.17	178	19247	0.35	ng		98
24) Anthracene	17.26	178	17235	0.36	ng		99
25) Fluoranthene	19.19	202	22384	0.39	ng		97
27) Benzidine	19.38	184	8311	0.53	ng	#	80
28) Pyrene	19.55	202	22940	0.39	ng		99
30) Benzo(a)anthracene	21.27	228	26092m	0.41	ng		
31) 3,3'-Dichlorobenzidine	21.22	252	18835	0.46	ng	#	92
32) Chrysene	21.34	228	21995m	0.44	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	12312m	0.57	ng		
34) Indeno(1,2,3-cd)pyrene	26.27	276	25461	0.39	ng		96
36) Benzo(b)fluoranthene	22.98	252	22438	0.39	ng		96
37) Benzo(k)fluoranthene	23.02	252	23644	0.40	ng		98
38) Benzo(a)pyrene	23.61	252	21957	0.40	ng		97
39) Dibenzo(a,h)anthracene	26.29	278	21207	0.39	ng		98
40) Benzo(g,h,i)perylene	27.06	276	21804	0.39	ng		96

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

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