Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
Data File : BE091607.D
Acq On : 8 Apr 2016 11:39
Operator : UM/SJ
Sample : SSTDICC05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Manual Integrations APPROVED
Sohil
4/11/2016 5:46:57 PM

Quant Time: Apr 08 15:36:55 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 14:53:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39274	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	190509	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	115937	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	276889	5.00	ng		0.00
26) Chrysene-d12	21.31	240	377076	5.00	ng		0.00
35) Perylene-d12	23.77	264	337860	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	47747	5.82	ng		-0.02
5) Phenol-d6	6.95	99	67689	6.73	ng		-0.02
8) Nitrobenzene-d5	8.96	82	61191	5.96	ng		0.00
14) 2,4,6-Tribromophenol	15.91	330	19264m	5.26	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	157163	5.00	ng		0.00
29) Terphenyl-d14	19.76	244	224182	4.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	20893	3.00	ng	#	87
3) n-Nitrosodimethylamine	3.64	42	31916	4.62	ng	#	99
6) bis(2-Chloroethyl)ether	7.23	93	56048	4.68	ng	#	76
9) Nitrobenzene	8.99	77	66118	6.00	ng		94
10) Naphthalene	10.63	128	187298	4.57	ng		98
11) Hexachlorobutadiene	10.92	225	27994m	4.10	ng		
12) 2-Methylnaphthalene	12.24	142	126640	5.24	ng		96
16) Acenaphthylene	14.14	152	245359	1.27	ng	#	86
17) Acenaphthene	14.49	154	142222	4.60	ng		92
18) Fluorene	15.47	166	179825	4.70	ng		97
20) 4-Bromophenyl-phenylether	16.34	248	50972	4.87	ng		95
21) Hexachlorobenzene	16.46	284	50840	0.95	ng		99
22) Pentachlorophenol	16.81	266	26209	6.73	ng	#	89
23) Phenanthrene	17.19	178	307272	4.39	ng		99
24) Anthracene	17.29	178	298373	4.77	ng		98
25) Fluoranthene	19.21	202	356563	4.28	ng	#	97
27) Benzidine	19.38	184	175711	25.84	ng	#	75
28) Pyrene	19.57	202	381654	3.96	ng		100
30) Benzo(a)anthracene	21.29	228	401478m	4.53	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	275901	18.20	ng	#	84
32) Chrysene	21.36	228	363312m	3.20	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	278860	7.89	ng	#	83
34) Indeno(1,2,3-cd)pyrene	26.33	276	432622	4.73	ng		97
36) Benzo(b)fluoranthene	23.01	252	376579	5.06	ng		97
37) Benzo(k)fluoranthene	23.06	252	397325	3.88	ng		97
38) Benzo(a)pyrene	23.66	252	368706	5.34	ng	#	97
39) Dibenzo(a,h)anthracene	26.36	278	362555	5.32	ng	#	94
40) Benzo(g,h,i)perylene	27.13	276	365937	4.94	ng		95

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

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