Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091639.D
Acq On : 11 Apr 2016 21:46
Operator : UM/SJ
Sample : H2248-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TILCONMHDGA005MSD

Manual Integrations APPROVED
Sohil
4/12/2016 5:34:30 PM

Quant Time: Apr 12 03:16:53 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	40992	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	199821	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	123526	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	295651	5.00	ng		-0.01
26) Chrysene-d12	21.31	240	394133	5.00	ng		0.00
35) Perylene-d12	23.76	264	361404	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	62182	6.36	ng		0.00
5) Phenol-d6	6.97	99	96555	7.40	ng		0.00
8) Nitrobenzene-d5	8.96	82	45705	3.94	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	33657	7.46	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	129220	3.76	ng		0.00
29) Terphenyl-d14	19.76	244	207908	4.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	12374	2.72	ng	#	94
3) n-Nitrosodimethylamine	3.64	42	16599	2.64	ng		92
6) bis(2-Chloroethyl)ether	7.23	93	37570m	3.32	ng		
9) Nitrobenzene	8.99	77	42689	3.00	ng		94
10) Naphthalene	10.63	128	129800	3.15	ng		98
11) Hexachlorobutadiene	10.92	225	21899	3.61	ng		97
12) 2-Methylnaphthalene	12.24	142	93064	3.54	ng		99
16) Acenaphthylene	14.14	152	163079	3.40	ng	#	86
17) Acenaphthene	14.47	154	96580	3.19	ng		89
18) Fluorene	15.46	166	127855	3.38	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	36097	3.46	ng		96
21) Hexachlorobenzene	16.46	284	36270	3.35	ng		99
22) Pentachlorophenol	16.79	266	22878	4.16	ng	#	88
23) Phenanthrene	17.19	178	226583	3.36	ng		99
24) Anthracene	17.29	178	217226m	3.63	ng		
25) Fluoranthene	19.21	202	264693	3.71	ng		97
27) Benzidine	19.38	184	5420m	0.46	ng		
28) Pyrene	19.55	202	283232	3.59	ng		99
30) Benzo(a)anthracene	21.29	228	340646m	3.86	ng		
31) 3,3'-Dichlorobenzidine	21.22	252	63936	1.13	ng	#	77
32) Chrysene	21.34	228	292550m	3.66	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	132388	2.27	ng	#	82
34) Indeno(1,2,3-cd)pyrene	26.32	276	322612	3.61	ng		96
36) Benzo(b)fluoranthene	23.00	252	318586	3.80	ng		98
37) Benzo(k)fluoranthene	23.05	252	269292	3.25	ng		98
38) Benzo(a)pyrene	23.64	252	288546	3.70	ng		98
39) Dibenzo(a,h)anthracene	26.34	278	267132	3.48	ng		96
40) Benzo(g,h,i)perylene	27.10	276	275641	3.48	ng		96

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

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