Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002875.D
Acq On : 08 Oct 2015 22:11
Operator : UM/IZ
Sample : PB85741BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB85741BS

Manual Integrations APPROVED
MMdadoda
10/9/2015 1:48:08 PM

Quant Time: Oct 09 07:03:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM100815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 06:47:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	82785	5.00	ng		-0.02
7) Naphthalene-d8	11.50	136	336489	5.00	ng		-0.02
13) Acenaphthene-d10	15.25	164	174958	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	363841	5.00	ng		0.00
26) Chrysene-d12	22.06	240	307831	5.00	ng		0.00
35) Perylene-d12	24.63	264	250548	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.13	112	116387	6.58	ng		-0.02
5) Phenol-d6	7.79	99	156507	7.15	ng		-0.02
8) Nitrobenzene-d5	9.86	82	65912	3.89	ng		-0.01
14) 2,4,6-Tribromophenol	16.72	330	49683	8.58	ng		-0.02
15) 2-Fluorobiphenyl	13.89	172	205919	3.89	ng		-0.01
29) Terphenyl-d14	20.48	244	205253	5.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	24244	3.45	ng		98
3) n-Nitrosodimethylamine	4.16	42	23726	3.68	ng	#	98
6) bis(2-Chloroethyl)ether	8.04	93	73716m	3.42	ng		
9) Nitrobenzene	9.90	77	69512	3.88	ng		98
10) Naphthalene	11.56	128	257710	3.45	ng		96
11) Hexachlorobutadiene	11.81	225	40576	3.43	ng		100
12) 2-Methylnaphthalene	13.13	142	180366	3.63	ng		96
16) Acenaphthylene	14.99	152	288020	3.88	ng	#	75
17) Acenaphthene	15.30	154	170420	3.55	ng	#	100
18) Fluorene	16.27	166	220766	3.76	ng	#	94
20) 4-Bromophenyl-phenylether	17.13	248	76594m	4.44	ng		
21) Hexachlorobenzene	17.29	284	74151	3.49	ng	#	49
22) Pentachlorophenol	17.62	266	24012	7.67	ng	#	90
23) Phenanthrene	18.00	178	380765	3.58	ng		99
24) Anthracene	18.08	178	338360m	3.76	ng		
25) Fluoranthene	19.97	202	435340	3.69	ng		99
27) Benzidine	20.12	184	427023	8.63	ng		98
28) Pyrene	20.33	202	450904	5.43	ng		99
30) Benzo(a)anthracene	22.04	228	368248	4.17	ng		98
31) 3,3'-Dichlorobenzidine	21.95	252	134574	3.97	ng	#	90
32) Chrysene	22.08	228	343243m	4.15	ng		
33) Bis(2-ethylhexyl)phthalate	21.85	149	247072	4.59	ng	#	59
34) Indeno(1,2,3-cd)pyrene	27.34	276	313218	3.16	ng		100
36) Benzo(b)fluoranthene	23.83	252	335813	4.68	ng		98
37) Benzo(k)fluoranthene	23.89	252	324994	4.69	ng		98
38) Benzo(a)pyrene	24.51	252	304376	4.61	ng		98
39) Dibenzo(a,h)anthracene	27.34	278	254511	3.96	ng		98
40) Benzo(g,h,i)perylene	28.18	276	261853	3.95	ng		99

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

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