Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110515\
Data File : BM003063.D
Acq On : 05 Nov 2015 14:32
Operator : UM/IZ
Sample : PB86422BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB86422BSD

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:46:05 PM

Quant Time: Nov 16 18:55:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 16 18:52:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	82419	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	361004	5.00	ng		0.00
13) Acenaphthene-d10	14.39	164	201110	5.00	ng		0.00
19) Phenanthrene-d10	17.14	188	482061	5.00	ng		0.00
26) Chrysene-d12	21.33	240	384880	5.00	ng		0.00
35) Perylene-d12	23.60	264	268488	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	116789	6.69	ng		0.00
5) Phenol-d6	6.92	99	154896	7.61	ng		0.00
8) Nitrobenzene-d5	8.92	82	61328	3.68	ng		0.01
14) 2,4,6-Tribromophenol	15.88	330	49803	9.56	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	222316	3.51	ng		0.00
29) Terphenyl-d14	19.77	244	210768	3.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	25331	3.47	ng		99
3) n-Nitrosodimethylamine	3.57	42	27081	3.50	ng		97
6) bis(2-Chloroethyl)ether	7.17	93	72083	3.70	ng		100
9) Nitrobenzene	8.95	77	67711	3.76	ng		98
10) Naphthalene	10.60	128	267761	3.45	ng		98
11) Hexachlorobutadiene	10.89	225	39511	3.29	ng		98
12) 2-Methylnaphthalene	12.22	142	191967	3.83	ng		94
16) Acenaphthylene	14.11	152	313465	4.00	ng		99
17) Acenaphthene	14.46	154	207647	3.86	ng	#	100
18) Fluorene	15.46	166	224708	3.92	ng	#	11
20) 4-Bromophenyl-phenylether	16.32	248	53449	3.59	ng	#	37
21) Hexachlorobenzene	16.45	284	76650	3.75	ng	#	77
22) Pentachlorophenol	16.78	266	58360	7.74	ng		88
23) Phenanthrene	17.16	178	343391	3.90	ng		99
24) Anthracene	17.27	178	436032	4.27	ng		99
25) Fluoranthene	19.21	202	417622	4.34	ng		100
27) Benzidine	19.38	184	345593	8.31	ng		94
28) Pyrene	19.57	202	468407	4.19	ng		99
30) Benzo(a)anthracene	21.31	228	403247m	4.06	ng		
31) 3,3'-Dichlorobenzidine	21.25	252	101902	3.50	ng	#	75
32) Chrysene	21.37	228	304692m	3.36	ng		
33) Bis(2-ethylhexyl)phthalate	21.25	149	241036	4.67	ng	#	93
34) Indeno(1,2,3-cd)pyrene	25.89	276	280953	2.87	ng		94
36) Benzo(b)fluoranthene	22.91	252	330820	4.17	ng		98
37) Benzo(k)fluoranthene	22.96	252	313160	4.40	ng		98
38) Benzo(a)pyrene	23.50	252	280482	4.07	ng		97
39) Dibenzo(a,h)anthracene	25.90	278	231215	3.45	ng		99
40) Benzo(g,h,i)perylene	26.58	276	237702	3.28	ng		99

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

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