Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090216\
Data File : BM007367.D
Acq On : 02 Sep 2016 14:03
Operator : UM/SJ
Sample : PB93150BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB93150BS

Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:39 PM

Quant Time: Sep 02 15:00:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 12:51:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1968	5.00	ng		-0.02
7) Naphthalene-d8	10.58	136	8724	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	6202	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	17405	5.00	ng		0.00
26) Chrysene-d12	21.35	240	21212	5.00	ng		0.00
35) Perylene-d12	23.62	264	17656	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3604	8.87	ng		0.00
5) Phenol-d6	6.97	99	4585	8.25	ng		0.00
8) Nitrobenzene-d5	8.95	82	1844	3.77	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	2050m	8.54	ng		-0.02
15) 2-Fluorobiphenyl	13.05	172	7410	3.85	ng		0.00
29) Terphenyl-d14	19.79	244	11305	3.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	494	3.55	ng	#	1
3) n-Nitrosodimethylamine	3.63	42	926	4.19	ng	#	86
6) bis(2-Chloroethyl)ether	7.23	93	1736	4.06	ng		97
9) Nitrobenzene	8.99	77	2093	4.45	ng		97
10) Naphthalene	10.63	128	8165	4.09	ng	#	85
11) Hexachlorobutadiene	10.91	225	1437m	3.94	ng		
12) 2-Methylnaphthalene	12.24	142	6394	4.48	ng		96
16) Acenaphthylene	14.13	152	11940	4.45	ng		100
17) Acenaphthene	14.48	154	8185	4.41	ng		91
18) Fluorene	15.46	166	9627	4.42	ng	#	95
20) 4-Bromophenyl-phenylether	16.35	248	3010	4.28	ng	#	91
21) Hexachlorobenzene	16.47	284	3651	4.10	ng	#	96
22) Pentachlorophenol	16.81	266	2849	10.39	ng	#	80
23) Phenanthrene	17.19	178	18663	4.20	ng		99
24) Anthracene	17.29	178	19150	4.29	ng		98
25) Fluoranthene	19.23	202	23274	4.45	ng		100
27) Benzidine	19.41	184	911m	0.66	ng		
28) Pyrene	19.59	202	25175	4.16	ng		99
30) Benzo(a)anthracene	21.33	228	26491m	4.32	ng		
31) 3,3'-Dichlorobenzidine	21.27	252	4113	2.42	ng	#	91
32) Chrysene	21.37	228	22993m	3.85	ng		
33) Bis(2-ethylhexyl)phthalate	21.25	149	14964	4.68	ng	#	96
34) Indeno(1,2,3-cd)pyrene	25.90	276	21938	4.18	ng		100
36) Benzo(b)fluoranthene	22.93	252	25226	4.58	ng	#	91
37) Benzo(k)fluoranthene	22.97	252	22802	4.49	ng	#	91
38) Benzo(a)pyrene	23.52	252	21792	4.46	ng	#	91
39) Dibenzo(a,h)anthracene	25.91	278	17879	4.51	ng	#	86
40) Benzo(g,h,i)perylene	26.60	276	18168	4.42	ng	#	88

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

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