Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100915\
Data File : BM002886.D
Acq On : 09 Oct 2015 15:58
Operator : UM/IZ
Sample : G3707-04
Misc : LOQ 0.2PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SOIL2015-02

Manual Integrations APPROVED
MMDadoda
10/12/2015 3:33:04 PM

Quant Time: Oct 12 05:08:10 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	8.68	152	74033	5.00	ng		0.00
7) Naphthalene-d8	11.52	136	300974	5.00	ng		0.00
13) Acenaphthene-d10	15.25	164	162846	5.00	ng		0.00
19) Phenanthrene-d10	17.95	188	343485	5.00	ng		0.00
26) Chrysene-d12	22.06	240	367432	5.00	ng		0.00
35) Perylene-d12	24.64	264	304255	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	6.13	112	92492	5.84	ng		-0.02
5) Phenol-d6	7.79	99	119168	6.09	ng		-0.02
8) Nitrobenzene-d5	9.87	82	47160	3.12	ng		0.00
14) 2,4,6-Tribromophenol	16.74	330	30213	5.60	ng		0.00
15) 2-Fluorobiphenyl	13.89	172	167149	3.39	ng		-0.01
29) Terphenyl-d14	20.48	244	169629	3.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	1830m	0.21	ng		
3) n-Nitrosodimethylamine	4.22	42	2077m	0.36	ng		
6) bis(2-Chloroethyl)ether	8.08	93	2100m	0.11	ng		
9) Nitrobenzene	9.93	77	1951	0.12	ng		99
10) Naphthalene	11.57	128	8352	0.12	ng		97
11) Hexachlorobutadiene	11.81	225	1305	0.12	ng		99
12) 2-Methylnaphthalene	13.16	142	5359	0.12	ng		98
16) Acenaphthylene	14.99	152	7819	0.11	ng		100
17) Acenaphthene	15.32	154	6095	0.14	ng	#	100
18) Fluorene	16.30	166	6933	0.13	ng		99
20) 4-Bromophenyl-phenylether	17.16	248	1940m	0.12	ng		
21) Hexachlorobenzene	17.29	284	2601	0.13	ng	#	95
23) Phenanthrene	18.00	178	12524	0.12	ng		98
24) Anthracene	18.10	178	10232	0.12	ng		98
25) Fluoranthene	19.99	202	12583	0.11	ng		99
27) Benzidine	20.16	184	3027	0.23	ng	#	87
28) Pyrene	20.35	202	13184	0.13	ng		99
30) Benzo(a)anthracene	22.04	228	13326m	0.13	ng		
31) 3,3'-Dichlorobenzidine	21.95	252	3947	0.10	ng	#	83
32) Chrysene	22.10	228	12587m	0.13	ng		
33) Bis(2-ethylhexyl)phthalate	21.87	149	8205	0.13	ng	#	90
34) Indeno(1,2,3-cd)pyrene	27.38	276	10673	0.09	ng		100
36) Benzo(b)fluoranthene	23.85	252	11361	0.13	ng	#	88
37) Benzo(k)fluoranthene	23.91	252	11439	0.14	ng	#	88
38) Benzo(a)pyrene	24.52	252	10176	0.13	ng	#	88
39) Dibenzo(a,h)anthracene	27.37	278	8567	0.11	ng	#	89
40) Benzo(g,h,i)perylene	28.23	276	9232	0.11	ng		93

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

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