Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100915\
Data File : BM002885.D
Acq On : 09 Oct 2015 15:22
Operator : UM/IZ
Sample : G3707-03
Misc : LOD 0.1PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-SOIL2015-01

Manual Integrations APPROVED
MMDadoda
10/12/2015 3:32:55 PM

Quant Time: Oct 12 05:03:50 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	79129	5.00	ng		-0.02
7) Naphthalene-d8	11.51	136	318824	5.00	ng		-0.01
13) Acenaphthene-d10	15.25	164	175904	5.00	ng		0.00
19) Phenanthrene-d10	17.97	188	346359	5.00	ng		0.02
26) Chrysene-d12	22.05	240	375681	5.00	ng		0.00
35) Perylene-d12	24.63	264	308401	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	6.13	112	98232	5.81	ng		-0.02
5) Phenol-d6	7.79	99	125994	6.03	ng		-0.02
8) Nitrobenzene-d5	9.88	82	49976	3.12	ng		0.00
14) 2,4,6-Tribromophenol	16.74	330	31664	5.44	ng		0.00
15) 2-Fluorobiphenyl	13.89	172	175485	3.29	ng		0.00
29) Terphenyl-d14	20.49	244	179251	3.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	903m	0.05	ng		
3) n-Nitrosodimethylamine	4.22	42	681m	0.11	ng		
6) bis(2-Chloroethyl)ether	8.08	93	1307m	0.06	ng		
9) Nitrobenzene	9.93	77	1266	0.07	ng		95
10) Naphthalene	11.56	128	4967	0.07	ng	#	92
11) Hexachlorobutadiene	11.82	225	773	0.07	ng		97
12) 2-Methylnaphthalene	13.17	142	3148	0.07	ng	#	96
16) Acenaphthylene	14.98	152	4440	0.06	ng		99
17) Acenaphthene	15.32	154	3899	0.08	ng	#	100
18) Fluorene	16.29	166	3877	0.07	ng		98
20) 4-Bromophenyl-phenylether	17.15	248	1362m	0.08	ng		
21) Hexachlorobenzene	17.28	284	1360	0.07	ng	#	81
23) Phenanthrene	18.00	178	7318	0.07	ng		96
24) Anthracene	18.12	178	6072m	0.07	ng		
25) Fluoranthene	19.98	202	7293	0.06	ng		98
27) Benzidine	20.17	184	1545	0.20	ng	#	68
28) Pyrene	20.34	202	7672	0.08	ng		98
30) Benzo(a)anthracene	22.03	228	8718	0.08	ng	#	93
31) 3,3'-Dichlorobenzidine	21.97	252	2700	0.07	ng	#	97
32) Chrysene	22.09	228	6802m	0.07	ng		
33) Bis(2-ethylhexyl)phthalate	21.87	149	6259	0.10	ng	#	91
34) Indeno(1,2,3-cd)pyrene	27.38	276	5761	0.05	ng		98
36) Benzo(b)fluoranthene	23.85	252	6530	0.07	ng	#	78
37) Benzo(k)fluoranthene	23.90	252	6307	0.07	ng	#	77
38) Benzo(a)pyrene	24.53	252	5636	0.07	ng	#	76
39) Dibenzo(a,h)anthracene	27.37	278	4642	0.06	ng	#	79
40) Benzo(g,h,i)perylene	28.24	276	5044	0.06	ng	#	86

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

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