Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\
Data File : BM003333.D
Acq On : 30 Nov 2015 23:46
Operator : UM/IZ
Sample : G3707-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-SOIL2015-01

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:34:00 PM

Quant Time: Dec 01 05:45:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 16:36:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	65530	5.00	ng		-0.02
7) Naphthalene-d8	10.51	136	265936	5.00	ng		-0.02
13) Acenaphthene-d10	14.37	164	146351	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	330353	5.00	ng		0.00
26) Chrysene-d12	21.31	240	184142	5.00	ng		-0.01
35) Perylene-d12	23.58	264	161509	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	93140	7.21	ng		0.00
5) Phenol-d6	6.88	99	118343	7.98	ng		-0.02
8) Nitrobenzene-d5	8.88	82	45771	3.87	ng		-0.01
14) 2,4,6-Tribromophenol	15.86	330	24610	7.26	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	162376	3.44	ng		0.00
29) Terphenyl-d14	19.76	244	115772	4.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	684	0.04	ng	#	78
3) n-Nitrosodimethylamine	3.54	42	456	0.08	ng	#	99
6) bis(2-Chloroethyl)ether	7.14	93	1228	0.08	ng		99
9) Nitrobenzene	8.92	77	1124m	0.09	ng		
10) Naphthalene	10.56	128	4728	0.08	ng	#	96
11) Hexachlorobutadiene	10.85	225	684m	0.08	ng		
12) 2-Methylnaphthalene	12.18	142	2979	0.08	ng		97
16) Acenaphthylene	14.08	152	3731	0.07	ng		99
17) Acenaphthene	14.44	154	2722m	0.07	ng		
18) Fluorene	15.42	166	3187	0.08	ng		100
20) 4-Bromophenyl-phenylether	16.32	248	750	0.27	ng	#	39
21) Hexachlorobenzene	16.42	284	896	0.08	ng	#	60
22) Pentachlorophenol	16.78	266	115	0.12	ng	#	78
23) Phenanthrene	17.17	178	4778	0.16	ng	#	69
24) Anthracene	17.24	178	4893	0.08	ng		98
25) Fluoranthene	19.19	202	4685	0.07	ng		98
27) Benzidine	19.38	184	490	0.17	ng	#	38
28) Pyrene	19.55	202	4907	0.09	ng		99
30) Benzo(a)anthracene	21.29	228	4553	0.10	ng	#	84
31) 3,3'-Dichlorobenzidine	21.25	252	941	0.26	ng	#	87
32) Chrysene	21.35	228	4629m	0.10	ng		
33) Bis(2-ethylhexyl)phthalate	21.23	149	2024	0.14	ng	#	94
34) Indeno(1,2,3-cd)pyrene	25.84	276	3814	0.09	ng	#	81
36) Benzo(b)fluoranthene	22.89	252	3751	0.08	ng	#	81
37) Benzo(k)fluoranthene	22.93	252	3537	0.08	ng	#	79
38) Benzo(a)pyrene	23.47	252	3119	0.08	ng	#	73
39) Dibenzo(a,h)anthracene	25.86	278	3055	0.10	ng	#	83
40) Benzo(g,h,i)perylene	26.54	276	3433	0.09	ng	#	86

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

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