Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\
Data File : BM003334.D
Acq On : 01 Dec 2015 00:22
Operator : UM/IZ
Sample : G3707-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SOIL2015-02

Manual Integrations APPROVED
Mmdadoda
12/1/2015 6:34:02 PM

Quant Time: Dec 01 05:46:49 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	60886	5.00	ng		-0.02
7) Naphthalene-d8	10.51	136	246128	5.00	ng		-0.02
13) Acenaphthene-d10	14.38	164	123373	5.00	ng		0.00
19) Phenanthrene-d10	17.12	188	252551	5.00	ng		0.00
26) Chrysene-d12	21.32	240	190408	5.00	ng		0.00
35) Perylene-d12	23.57	264	155211	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	101047	8.41	ng		0.00
5) Phenol-d6	6.88	99	127652	9.27	ng		-0.02
8) Nitrobenzene-d5	8.88	82	49381	4.51	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	28792	9.99	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	174517	4.38	ng		-0.01
29) Terphenyl-d14	19.76	244	116376	4.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1005	0.11	ng		89
3) n-Nitrosodimethylamine	3.54	42	835	0.15	ng	#	97
6) bis(2-Chloroethyl)ether	7.14	93	2242	0.16	ng		98
9) Nitrobenzene	8.93	77	1992m	0.17	ng		
10) Naphthalene	10.56	128	8512	0.16	ng		98
11) Hexachlorobutadiene	10.85	225	1252	0.15	ng		96
12) 2-Methylnaphthalene	12.18	142	5502	0.16	ng		98
16) Acenaphthylene	14.09	152	6382	0.14	ng		99
17) Acenaphthene	14.42	154	5741	0.16	ng	#	100
18) Fluorene	15.42	166	6461	0.18	ng		97
20) 4-Bromophenyl-phenylether	16.30	248	1696	0.38	ng		97
21) Hexachlorobenzene	16.43	284	2096	0.24	ng	#	89
22) Pentachlorophenol	16.79	266	193	0.16	ng	#	81
23) Phenanthrene	17.15	178	10534	0.28	ng		98
24) Anthracene	17.25	178	8339	0.18	ng		100
25) Fluoranthene	19.18	202	8851	0.16	ng		100
27) Benzidine	19.37	184	1865	0.35	ng	#	90
28) Pyrene	19.54	202	9094	0.16	ng		99
30) Benzo(a)anthracene	21.30	228	7698	0.16	ng		96
31) 3,3'-Dichlorobenzidine	21.24	252	1904	0.35	ng	#	93
32) Chrysene	21.34	228	8001m	0.16	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	2983	0.20	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.84	276	6922	0.16	ng	#	80
36) Benzo(b)fluoranthene	22.89	252	7090	0.16	ng	#	91
37) Benzo(k)fluoranthene	22.93	252	6492	0.16	ng	#	89
38) Benzo(a)pyrene	23.46	252	6124	0.17	ng	#	86
39) Dibenzo(a,h)anthracene	25.86	278	5574	0.18	ng	#	91
40) Benzo(g,h,i)perylene	26.54	276	6388	0.17	ng	#	91

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

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