Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
Data File : BM003361.D
Acq On : 02 Dec 2015 18:09
Operator : UM/IZ
Sample : G3707-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SOIL2015-02

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:07:58 PM

Quant Time: Dec 03 00:32:45 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:19:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	55980	5.00	ng		0.00
7) Naphthalene-d8	10.51	136	228694	5.00	ng		0.00
13) Acenaphthene-d10	14.37	164	119503	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	269034	5.00	ng		0.00
26) Chrysene-d12	21.31	240	159147	5.00	ng		-0.02
35) Perylene-d12	23.58	264	142241	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	90026	8.06	ng		0.00
5) Phenol-d6	6.88	99	113620	8.27	ng		0.00
8) Nitrobenzene-d5	8.88	82	42657	4.00	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	18477	6.00	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	158359	4.40	ng		0.00
29) Terphenyl-d14	19.76	244	116709	4.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	972	0.19	ng	#	84
3) n-Nitrosodimethylamine	3.54	42	687	0.13	ng	#	98
6) bis(2-Chloroethyl)ether	7.16	93	1989	0.15	ng		98
9) Nitrobenzene	8.92	77	1794m	0.16	ng		
10) Naphthalene	10.56	128	7755	0.16	ng		98
11) Hexachlorobutadiene	10.85	225	1139m	0.15	ng		
12) 2-Methylnaphthalene	12.18	142	4910	0.15	ng		99
16) Acenaphthylene	14.08	152	5831	0.12	ng		99
17) Acenaphthene	14.44	154	5030	0.16	ng	#	100
18) Fluorene	15.42	166	5064	0.14	ng	#	96
20) 4-Bromophenyl-phenylether	16.32	248	1228	0.16	ng	#	37
21) Hexachlorobenzene	16.42	284	1429	0.13	ng	#	60
22) Pentachlorophenol	16.78	266	216	0.38	ng	#	84
23) Phenanthrene	17.16	178	8193m	0.16	ng		
24) Anthracene	17.24	178	7213	0.13	ng		97
25) Fluoranthene	19.19	202	7910	0.15	ng		99
27) Benzidine	19.38	184	1441	0.44	ng	#	84
28) Pyrene	19.55	202	8335	0.14	ng		99
30) Benzo(a)anthracene	21.31	228	6753m	0.16	ng		
31) 3,3'-Dichlorobenzidine	21.25	252	1551	0.21	ng	#	97
32) Chrysene	21.35	228	8730m	0.18	ng		
33) Bis(2-ethylhexyl)phthalate	21.23	149	3289	0.36	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.86	276	6087	0.16	ng	#	80
36) Benzo(b)fluoranthene	22.90	252	6734	0.16	ng	#	89
37) Benzo(k)fluoranthene	22.94	252	5622	0.14	ng	#	89
38) Benzo(a)pyrene	23.47	252	5088	0.14	ng	#	86
39) Dibenzo(a,h)anthracene	25.87	278	4907	0.15	ng	#	89
40) Benzo(g,h,i)perylene	26.55	276	5647	0.17	ng	#	89

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

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