Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
Data File : BM003360.D
Acq On : 02 Dec 2015 17:33
Operator : UM/IZ
Sample : G3707-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-SOIL2015-01

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:07:54 PM

Quant Time: Dec 03 00:30:49 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	59000	5.00	ng		0.00
7) Naphthalene-d8	10.51	136	248462	5.00	ng		0.00
13) Acenaphthene-d10	14.38	164	124642	5.00	ng		0.00
19) Phenanthrene-d10	17.12	188	285378	5.00	ng		0.00
26) Chrysene-d12	21.32	240	206705	5.00	ng		-0.01
35) Perylene-d12	23.58	264	152453	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	82234	6.99	ng		0.00
5) Phenol-d6	6.88	99	103999	7.18	ng		0.00
8) Nitrobenzene-d5	8.88	82	39609	3.42	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	20357	6.33	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	150958	4.02	ng		0.00
29) Terphenyl-d14	19.76	244	109280	3.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	588	0.11	ng	#	76
3) n-Nitrosodimethylamine	3.55	42	359	0.07	ng		99
6) bis(2-Chloroethyl)ether	7.16	93	1047	0.07	ng		97
9) Nitrobenzene	8.93	77	936m	0.07	ng		
10) Naphthalene	10.56	128	4275	0.08	ng		96
11) Hexachlorobutadiene	10.85	225	621m	0.08	ng		
12) 2-Methylnaphthalene	12.19	142	2671	0.07	ng		93
16) Acenaphthylene	14.09	152	3120	0.06	ng		98
17) Acenaphthene	14.42	154	3187	0.10	ng	#	100
18) Fluorene	15.42	166	3203	0.09	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	799	0.10	ng		92
21) Hexachlorobenzene	16.43	284	1041	0.08	ng	#	85
22) Pentachlorophenol	16.79	266	140	0.36	ng	#	80
23) Phenanthrene	17.15	178	5476m	0.10	ng		
24) Anthracene	17.25	178	4341	0.07	ng		99
25) Fluoranthene	19.18	202	4520	0.08	ng		100
27) Benzidine	19.39	184	849	0.40	ng	#	67
28) Pyrene	19.56	202	4631	0.06	ng		99
30) Benzo(a)anthracene	21.30	228	4165m	0.07	ng		
31) 3,3'-Dichlorobenzidine	21.26	252	793	0.14	ng	#	83
32) Chrysene	21.36	228	4273m	0.07	ng		
33) Bis(2-ethylhexyl)phthalate	21.24	149	1284	0.28	ng	#	97
34) Indeno(1,2,3-cd)pyrene	25.86	276	3394	0.07	ng	#	80
36) Benzo(b)fluoranthene	22.90	252	3573	0.08	ng	#	82
37) Benzo(k)fluoranthene	22.94	252	3179	0.08	ng	#	78
38) Benzo(a)pyrene	23.47	252	2782	0.07	ng	#	73
39) Dibenzo(a,h)anthracene	25.88	278	2773	0.08	ng	#	84
40) Benzo(g,h,i)perylene	26.56	276	3113	0.09	ng	#	87

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

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