Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003918.D
Acq On : 31 Dec 2015 17:28
Operator : SJ/UM
Sample : G4825-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-SOIL2016-01

Quant Time: Jan 04 13:51:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 13:33:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	40624	5.00	ng		0.00
7) Naphthalene-d8	10.46	136	165185	5.00	ng		0.00
13) Acenaphthene-d10	14.31	164	84431	5.00	ng		-0.02
19) Phenanthrene-d10	17.07	188	212691	5.00	ng		0.00
26) Chrysene-d12	21.28	240	147277	5.00	ng		0.01
35) Perylene-d12	23.52	264	102792	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	73823	8.88	ng		0.00
5) Phenol-d6	6.85	99	91097	8.95	ng		0.00
8) Nitrobenzene-d5	8.84	82	35617	4.39	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	16826	6.67	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	127764	4.69	ng		0.00
29) Terphenyl-d14	19.71	244	112373	4.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	516	0.09	ng	#	78
3) n-Nitrosodimethylamine	3.51	42	268	0.06	ng	#	83
6) bis(2-Chloroethyl)ether	7.11	93	765	0.08	ng		96
9) Nitrobenzene	8.88	77	877	0.10	ng	#	92
10) Naphthalene	10.51	128	3383	0.09	ng	#	94
11) Hexachlorobutadiene	10.80	225	491	0.09	ng		97
12) 2-Methylnaphthalene	12.14	142	2132	0.09	ng	#	89
16) Acenaphthylene	14.05	152	2538	0.07	ng		100
17) Acenaphthene	14.38	154	2670	0.11	ng		92
18) Fluorene	15.38	166	2514	0.09	ng		96
20) 4-Bromophenyl-phenylether	16.28	248	577	0.09	ng	#	60
21) Hexachlorobenzene	16.38	284	662	0.09	ng	#	71
22) Pentachlorophenol	16.76	266	71	0.16	ng	#	73
23) Phenanthrene	17.09	178	4274m	0.03	ng		
24) Anthracene	17.20	178	3412	0.08	ng		98
25) Fluoranthene	19.15	202	4205	0.09	ng		99
27) Benzidine	19.37	184	356	0.15	ng	#	9
28) Pyrene	19.51	202	4364	0.08	ng		99
30) Benzo(a)anthracene	21.26	228	3684m	0.09	ng		
31) 3,3'-Dichlorobenzidine	21.22	252	550	0.28	ng	#	85
32) Chrysene	21.30	228	4163m	0.10	ng		
33) Bis(2-ethylhexyl)phthalate	21.17	149	1543	0.41	ng	#	92
34) Indeno(1,2,3-cd)pyrene	25.78	276	2635	0.08	ng		100
36) Benzo(b)fluoranthene	22.84	252	3153	0.10	ng	#	82
37) Benzo(k)fluoranthene	22.89	252	2618	0.09	ng	#	79
38) Benzo(a)pyrene	23.41	252	2345	0.09	ng	#	74
39) Dibenzo(a,h)anthracene	25.79	278	2046	0.09	ng	#	76
40) Benzo(g,h,i)perylene	26.47	276	2387	0.10	ng	#	86

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

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