Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
Data File : BM003919.D
Acq On : 31 Dec 2015 18:04
Operator : SJ/UM
Sample : G4825-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-SOIL2016-02

Quant Time: Jan 04 13:53:18 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	41037	5.00	ng		0.00
7) Naphthalene-d8	10.46	136	165888	5.00	ng		0.00
13) Acenaphthene-d10	14.33	164	84146	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	212294	5.00	ng		0.00
26) Chrysene-d12	21.27	240	134704	5.00	ng		0.00
35) Perylene-d12	23.52	264	99961	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	64524	7.68	ng		0.00
5) Phenol-d6	6.85	99	79498	7.73	ng		0.00
8) Nitrobenzene-d5	8.84	82	30858	3.78	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	13421	5.39	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	112425	4.14	ng		0.00
29) Terphenyl-d14	19.71	244	94546	4.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	778	0.16	ng		86
3) n-Nitrosodimethylamine	3.51	42	562	0.13	ng	#	95
6) bis(2-Chloroethyl)ether	7.11	93	1422	0.15	ng		98
9) Nitrobenzene	8.88	77	1427	0.16	ng	#	96
10) Naphthalene	10.51	128	6039	0.17	ng	#	97
11) Hexachlorobutadiene	10.80	225	900	0.16	ng		98
12) 2-Methylnaphthalene	12.14	142	3844	0.16	ng		98
16) Acenaphthylene	14.04	152	4888	0.14	ng		98
17) Acenaphthene	14.37	154	4160	0.17	ng		99
18) Fluorene	15.37	166	4332	0.15	ng		96
20) 4-Bromophenyl-phenylether	16.27	248	1178	0.18	ng	#	61
21) Hexachlorobenzene	16.40	284	1165	0.17	ng	#	48
22) Pentachlorophenol	16.76	266	113	0.19	ng	#	81
23) Phenanthrene	17.11	178	7439	0.12	ng		96
24) Anthracene	17.19	178	6209m	0.15	ng		
25) Fluoranthene	19.14	202	7604	0.16	ng		99
27) Benzidine	19.36	184	624	0.18	ng	#	44
28) Pyrene	19.50	202	7839	0.16	ng		99
30) Benzo(a)anthracene	21.25	228	6424m	0.17	ng		
31) 3,3'-Dichlorobenzidine	21.21	252	1163	0.33	ng	#	93
32) Chrysene	21.31	228	7609m	0.19	ng		
33) Bis(2-ethylhexyl)phthalate	21.19	149	2418	0.45	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.78	276	4645	0.16	ng		100
36) Benzo(b)fluoranthene	22.85	252	5910	0.19	ng	#	89
37) Benzo(k)fluoranthene	22.89	252	4736	0.16	ng	#	89
38) Benzo(a)pyrene	23.41	252	4176	0.16	ng	#	85
39) Dibenzo(a,h)anthracene	25.79	278	3692	0.17	ng	#	88
40) Benzo(g,h,i)perylene	26.47	276	4253	0.18	ng		92

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

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