Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE040116\
Data File : BE091582.D
Acq On : 31 Mar 2016 13:29
Operator : UM/SJ
Sample : H1824-04
Misc : LOQ SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
Sohil
4/1/2016 9:39:46 PM

Quant Time: Apr 01 00:57:07 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36981	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	173267	5.00	ng		0.00
10) Acenaphthene-d10	14.42	164	105915	5.00	ng		-0.03
16) Phenanthrene-d10	17.16	188	290170	5.00	ng		-0.01
22) Chrysene-d12	21.31	240	368630	5.00	ng		-0.02
28) Perylene-d12	23.76	264	311869	5.00	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	66593	6.88	ng		-0.02
5) Phenol-d6	6.97	99	96464	7.37	ng		-0.02
7) Nitrobenzene-d5	8.96	82	44164	3.80	ng		-0.02
11) 2,4,6-Tribromophenol	15.91	330	33120	7.06	ng		-0.01
12) 2-Fluorobiphenyl	13.05	172	123631	4.11	ng		-0.02
24) Terphenyl-d14	19.76	244	194005	4.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	15477	3.54	ng		94
3) n-Nitrosodimethylamine	3.64	42	23583	3.51	ng		97
8) Naphthalene	10.63	128	133305	3.72	ng		96
9) 2-Methylnaphthalene	12.24	142	95653	4.09	ng	#	86
13) Acenaphthylene	14.13	152	171576	4.02	ng		97
14) Acenaphthene	14.49	154	109911	4.20	ng		96
15) Fluorene	15.47	166	136447	4.05	ng		99
17) Hexachlorobenzene	16.46	284	38978	3.65	ng		98
18) Pentachlorophenol	16.79	266	48146	8.03	ng		86
19) Phenanthrene	17.19	178	247498	3.64	ng		99
20) Anthracene	17.29	178	235756	3.76	ng		100
21) Fluoranthene	19.21	202	294640	3.68	ng		98
23) Pyrene	19.57	202	313280	4.17	ng		99
25) Benzo(a)anthracene	21.29	228	364397m	4.21	ng		
26) Chrysene	21.34	228	277534m	3.75	ng		
27) Indeno(1,2,3-cd)pyrene	26.32	276	354197	4.15	ng		99
29) Benzo(b)fluoranthene	23.01	252	333796	4.41	ng		96
30) Benzo(k)fluoranthene	23.06	252	309866	4.23	ng		93
31) Benzo(a)pyrene	23.65	252	304476	4.40	ng	#	94
32) Dibenzo(a,h)anthracene	26.35	278	297130	4.38	ng		97
33) Benzo(g,h,i)perylene	27.11	276	298874	4.31	ng		99

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

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