Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022415\
Data File : BE089680.D
Acq On : 24 Feb 2015 20:52
Operator : TP/JJ
Sample : MDL-06-S
Misc : MDL-SOIL-0.2/0.4
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-06-S

Manual Integrations APPROVED
apatel
2/25/2015 3:34:56 PM

Quant Time: Feb 25 04:43:47 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 04:05:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	52899	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	226402	5.00	ng		0.00
8) Acenaphthene-d10	16.41	164	102692	5.00	ng		0.00
13) Phenanthrene-d10	19.77	188	185693	5.00	ng		0.00
19) Chrysene-d12	23.66	240	139127	5.00	ng		0.00
25) Perylene-d12	25.34	264	104675	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.60	82	118998	8.85	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	218266	9.56	ng		0.00
21) Terphenyl-d14	22.30	244	198098	12.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	1002	0.15	ng	#	81
3) n-Nitrosodimethylamine	3.47	42	957	0.18	ng	#	76
6) Naphthalene	12.29	128	7478	0.17	ng		97
7) 2-Methylnaphthalene	13.95	142	3907	0.16	ng		96
10) Acenaphthylene	16.06	152	20748	0.14	ng		100
11) Acenaphthene	16.49	154	3825	0.16	ng		97
12) Fluorene	17.74	166	4391	0.17	ng		98
14) Hexachlorobenzene	18.99	284	842	0.18	ng		98
15) Pentachlorophenol	19.44	266	49	0.32	ng	#	73
16) Phenanthrene	19.81	178	6753	0.17	ng		98
17) Anthracene	19.91	178	5262	0.16	ng		99
18) Fluoranthene	21.72	202	4877	0.15	ng		98
20) Pyrene	22.04	202	5200	0.15	ng		99
22) Benzo(a)anthracene	23.65	228	15129	0.17	ng		98
23) Chrysene	23.68	228	24048	0.19	ng		98
24) Indeno(1,2,3-cd)pyrene	26.74	276	2692	0.29	ng	#	46
26) Benzo(b)fluoranthene	24.91	252	848m	0.37	ng		
27) Benzo(k)fluoranthene	24.94	252	2328m	0.23	ng		
28) Benzo(a)pyrene	25.27	252	988	0.16	ng	#	88
29) Dibenzo(a,h)anthracene	26.77	278	524	0.35	ng	#	87
30) Benzo(g,h,i)perylene	27.15	276	5410	0.40	ng	#	85

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

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