Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE040116\
Data File : BE091581.D
Acq On : 31 Mar 2016 12:53
Operator : UM/SJ
Sample : H1824-03
Misc : LOD SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-SOIL2016-01

Manual Integrations APPROVED
Sohil
4/1/2016 9:38:46 PM

Quant Time: Apr 01 00:56:07 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	40844	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	191999	5.00	ng		0.00
10) Acenaphthene-d10	14.42	164	116751	5.00	ng		-0.03
16) Phenanthrene-d10	17.16	188	289942	5.00	ng		-0.01
22) Chrysene-d12	21.31	240	413026	5.00	ng		-0.02
28) Perylene-d12	23.76	264	341694	5.00	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	68944	6.45	ng		-0.01
5) Phenol-d6	6.97	99	99846	6.90	ng		-0.02
7) Nitrobenzene-d5	8.96	82	44535	3.46	ng		-0.02
11) 2,4,6-Tribromophenol	15.91	330	34075	6.59	ng		-0.01
12) 2-Fluorobiphenyl	13.05	172	126049	3.80	ng		-0.02
24) Terphenyl-d14	19.76	244	198665	3.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	8876	1.79	ng		91
3) n-Nitrosodimethylamine	3.65	42	13140	1.77	ng		100
8) Naphthalene	10.63	128	74967	1.89	ng		97
9) 2-Methylnaphthalene	12.25	142	54019	2.08	ng		94
13) Acenaphthylene	14.13	152	94340	2.00	ng		97
14) Acenaphthene	14.49	154	60912	2.11	ng		97
15) Fluorene	15.47	166	76978	2.07	ng		99
17) Hexachlorobenzene	16.46	284	22669m	2.13	ng		
18) Pentachlorophenol	16.81	266	25704	4.29	ng	#	81
19) Phenanthrene	17.19	178	143163	2.11	ng		99
20) Anthracene	17.29	178	133010	2.12	ng		99
21) Fluoranthene	19.21	202	168809	2.11	ng		99
23) Pyrene	19.57	202	175762	2.09	ng		99
25) Benzo(a)anthracene	21.29	228	206906m	2.13	ng		
26) Chrysene	21.34	228	162873m	1.96	ng		
27) Indeno(1,2,3-cd)pyrene	26.33	276	193694	2.03	ng		99
29) Benzo(b)fluoranthene	23.01	252	185041m	2.23	ng		
30) Benzo(k)fluoranthene	23.06	252	174145	2.17	ng		94
31) Benzo(a)pyrene	23.65	252	169212	2.23	ng	#	94
32) Dibenzo(a,h)anthracene	26.35	278	162373	2.18	ng		98
33) Benzo(g,h,i)perylene	27.11	276	163559	2.15	ng		98

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

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