Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015793.D
Acq On : 04 Aug 2021 14:50
Operator : CG/JU
Sample : M2262-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:39 PM

Quant Time: Aug 04 15:29:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	41934	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	187917	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	95920	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	180782	0.400	ng		0.00
29) Chrysene-d12	21.366	240	160141	0.400	ng		0.00
35) Perylene-d12	23.710	264	160310	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	30140	0.294	ng		0.00
5) Phenol-d6	6.951	99	35499	0.287	ng		0.00
8) Nitrobenzene-d5	8.924	82	30103	0.249	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	106888	0.379	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8120	0.233	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	102055	0.267	ng		0.00
27) Fluoranthene-d10	19.202	212	172852	0.367	ng		0.00
31) Terphenyl-d14	19.813	244	107745	0.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2482	0.183	ng		99
3) n-Nitrosodimethylamine	3.724	42	4984	0.178	ng	#	100
6) bis(2-Chloroethyl)ether	7.218	93	24554	0.218	ng		100
9) Naphthalene	10.609	128	99609	0.202	ng		99
10) Hexachlorobutadiene	10.914	225	16880	0.196	ng	#	100
12) 2-Methylnaphthalene	12.234	142	65027	0.205	ng		100
16) Acenaphthylene	14.129	152	70728	0.179	ng		100
17) Acenaphthene	14.472	154	53846	0.195	ng		99
18) Fluorene	15.461	166	63062	0.191	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	655	0.129	ng	#	73
21) 4-Bromophenyl-phenylether	16.360	248	19447	0.183	ng		92
22) Hexachlorobenzene	16.470	284	23580	0.193	ng		100
23) Atrazine	16.628	200	11506	0.176	ng		96
24) Pentachlorophenol	16.811	266	5663	0.150	ng		99
25) Phenanthrene	17.200	178	104959	0.195	ng		99
26) Anthracene	17.297	178	83200	0.184	ng		100
28) Fluoranthene	19.232	202	108103	0.193	ng		99
30) Pyrene	19.599	202	104607	0.196	ng		100
32) Benzo(a)anthracene	21.355	228	90870	0.186	ng		100
33) Chrysene	21.408	228	102519	0.194	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	31028	0.353	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	101149	0.178	ng	#	94
37) Benzo(b)fluoranthene	23.002	252	102138	0.183	ng		99
38) Benzo(k)fluoranthene	23.050	252	115285m	0.200	ng		
39) Benzo(a)pyrene	23.608	252	86330	0.187	ng		99
40) Dibenzo(a,h)anthracene	26.130	278	82097	0.173	ng	#	80
41) Benzo(g,h,i)perylene	26.839	276	87437	0.176	ng		99

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

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