Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023713.D
Acq On : 19 Jan 2023 11:29
Operator : CG/JU
Sample : N3980-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 20 04:32:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:31:55 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	4150	0.400	ng		0.00
7) Naphthalene-d8	10.818	136	12172	0.400	ng		0.00
13) Acenaphthene-d10	14.655	164	6286	0.400	ng		0.01
19) Phenanthrene-d10	17.402	188	15161	0.400	ng		0.00
29) Chrysene-d12	21.598	240	13170	0.400	ng		0.00
35) Perylene-d12	24.079	264	11336	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.529	112	2764	0.317	ng		0.00
5) Phenol-d6	7.154	99	3287	0.317	ng		0.00
8) Nitrobenzene-d5	9.163	82	2444	0.254	ng		0.00
11) 2-Methylnaphthalene-d10	12.408	152	8331	0.495	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	706	0.264	ng		0.00
15) 2-Fluorobiphenyl	13.276	172	7112	0.266	ng		0.00
27) Fluoranthene-d10	19.435	212	15373	0.432	ng		0.00
31) Terphenyl-d14	20.031	244	6120	0.295	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	934	0.212	ng		98
3) n-Nitrosodimethylamine	3.701	42	1051	0.204	ng		100
6) bis(2-Chloroethyl)ether	7.414	93	2569	0.240	ng		98
9) Naphthalene	10.872	128	6323	0.201	ng		98
10) Hexachlorobutadiene	11.160	225	1302	0.204	ng	#	100
12) 2-Methylnaphthalene	12.484	142	4522	0.204	ng		97
16) Acenaphthylene	14.377	152	4622	0.181	ng		100
17) Acenaphthene	14.720	154	3185	0.178	ng		99
18) Fluorene	15.703	166	4280	0.169	ng		99
20) 4,6-Dinitro-2-methylph...	15.788	198	315	0.147	ng	#	65
21) 4-Bromophenyl-phenylether	16.595	248	1484	0.171	ng		95
22) Hexachlorobenzene	16.707	284	1998	0.188	ng		99
23) Atrazine	16.868	200	1074	0.173	ng	#	96
24) Pentachlorophenol	17.054	266	612	0.169	ng		99
25) Phenanthrene	17.439	178	7855	0.178	ng		99
26) Anthracene	17.538	178	6336	0.178	ng		100
28) Fluoranthene	19.464	202	8804	0.183	ng		100
30) Pyrene	19.831	202	8637	0.177	ng		100
32) Benzo(a)anthracene	21.580	228	7116	0.170	ng		99
33) Chrysene	21.634	228	8681	0.185	ng		99
34) Bis(2-ethylhexyl)phtha...	21.500	149	3560	0.191	ng		98
36) Indeno(1,2,3-cd)pyrene	26.693	276	9114	0.180	ng		99
37) Benzo(b)fluoranthene	23.316	252	8918m	0.189	ng		
38) Benzo(k)fluoranthene	23.366	252	8202	0.172	ng	#	95
39) Benzo(a)pyrene	23.968	252	7351	0.212	ng	#	86
40) Dibenzo(a,h)anthracene	26.717	278	7441	0.182	ng		95
41) Benzo(g,h,i)perylene	27.497	276	7339	0.170	ng		98

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

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