Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025746.D
Acq On : 31 May 2023 19:21
Operator : CG/JU
Sample : 02213-03
Misc : MDL-MDL-SOIL-0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Quant Time: Jun 01 01:22:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 01:04:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	5622	0.400	ng		0.00
7) Naphthalene-d8	10.825	136	15723	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	8928	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	17323	0.400	ng	#	0.01
29) Chrysene-d12	21.569	240	8226	0.400	ng		0.00
35) Perylene-d12	24.048	264	7502	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5820	0.368	ng		0.00
5) Phenol-d6	7.167	99	7078	0.365	ng		0.00
8) Nitrobenzene-d5	9.180	82	5450	0.373	ng		0.01
11) 2-Methylnaphthalene-d10	12.412	152	12184	0.538	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	852	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	15239	0.404	ng		0.00
27) Fluoranthene-d10	19.416	212	18240	0.512	ng		0.00
31) Terphenyl-d14	20.006	244	8603	0.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	1583	0.240	ng		98
3) n-Nitrosodimethylamine	3.751	42	1166	0.138	ng	#	96
6) bis(2-Chloroethyl)ether	7.427	93	4810	0.273	ng	#	80
9) Naphthalene	10.878	128	10301	0.219	ng		98
10) Hexachlorobutadiene	11.166	225	1701	0.235	ng	#	99
12) 2-Methylnaphthalene	12.487	142	6332	0.212	ng		99
16) Acenaphthylene	14.373	152	8672	0.202	ng		100
17) Acenaphthene	14.705	154	6027	0.214	ng		99
18) Fluorene	15.693	166	7669	0.211	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	328	0.105	ng	#	5
21) 4-Bromophenyl-phenylether	16.574	248	2023	0.202	ng	#	79
22) Hexachlorobenzene	16.698	284	1995	0.232	ng		99
23) Atrazine	16.847	200	1708	0.209	ng		94
24) Pentachlorophenol	17.071	266	179	0.056	ng		92
25) Phenanthrene	17.431	178	11215	0.211	ng		99
26) Anthracene	17.530	178	9598	0.197	ng		99
28) Fluoranthene	19.444	202	10310	0.196	ng		99
30) Pyrene	19.807	202	10453	0.224	ng		99
32) Benzo(a)anthracene	21.551	228	6369	0.201	ng		99
33) Chrysene	21.605	228	7174	0.213	ng		99
34) Bis(2-ethylhexyl)phtha...	21.462	149	4012	0.212	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.651	276	6897	0.213	ng		97
37) Benzo(b)fluoranthene	23.285	252	6068	0.205	ng	#	74
38) Benzo(k)fluoranthene	23.338	252	6059	0.200	ng	#	72
39) Benzo(a)pyrene	23.943	252	5642	0.201	ng	#	66
40) Dibenzo(a,h)anthracene	26.680	278	5571	0.214	ng	#	76
41) Benzo(g,h,i)perylene	27.452	276	6643	0.228	ng		97

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

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