Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023825.D
Acq On : 26 Jan 2023 19:50
Operator : CG/JU
Sample : N3980-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jan 27 02:15:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:14:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152	3833	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	10644	0.400	ng		0.00
13) Acenaphthene-d10	14.527	164	6183	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	14612	0.400	ng		0.00
29) Chrysene-d12	21.459	240	14080	0.400	ng		0.00
35) Perylene-d12	23.864	264	11872	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	2650	0.332	ng		0.00
5) Phenol-d6	7.045	99	3051	0.323	ng		0.00
8) Nitrobenzene-d5	9.046	82	2258	0.279	ng		0.00
11) 2-Methylnaphthalene-d10	12.276	152	6869	0.488	ng		0.00
14) 2,4,6-Tribromophenol	16.012	330	796	0.294	ng		0.00
15) 2-Fluorobiphenyl	13.148	172	6570	0.267	ng		0.00
27) Fluoranthene-d10	19.304	212	16423	0.482	ng		0.00
31) Terphenyl-d14	19.903	244	7617	0.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	952	0.236	ng		99
3) n-Nitrosodimethylamine	3.644	42	846	0.197	ng	#	97
6) bis(2-Chloroethyl)ether	7.305	93	2205	0.231	ng		99
9) Naphthalene	10.733	128	5660	0.212	ng		98
10) Hexachlorobutadiene	11.021	225	1225	0.229	ng	#	100
12) 2-Methylnaphthalene	12.352	142	3799	0.223	ng		98
16) Acenaphthylene	14.238	152	4764	0.194	ng		100
17) Acenaphthene	14.581	154	3407	0.207	ng		99
18) Fluorene	15.575	166	4502	0.201	ng		98
20) 4,6-Dinitro-2-methylph...	15.660	198	368	0.174	ng		90
21) 4-Bromophenyl-phenylether	16.458	248	1533	0.189	ng		97
22) Hexachlorobenzene	16.570	284	1937	0.199	ng		98
23) Atrazine	16.732	200	1151	0.195	ng		98
24) Pentachlorophenol	16.930	266	570	0.167	ng		91
25) Phenanthrene	17.315	178	7628	0.188	ng		99
26) Anthracene	17.402	178	6267	0.191	ng		100
28) Fluoranthene	19.334	202	8773	0.197	ng		99
30) Pyrene	19.696	202	8788	0.184	ng		99
32) Benzo(a)anthracene	21.441	228	7979	0.186	ng		99
33) Chrysene	21.495	228	8912	0.188	ng		98
34) Bis(2-ethylhexyl)phtha...	21.369	149	4173	0.215	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.347	276	9110	0.185	ng		96
37) Benzo(b)fluoranthene	23.130	252	9136	0.204	ng		95
38) Benzo(k)fluoranthene	23.183	252	8477	0.192	ng		94
39) Benzo(a)pyrene	23.756	252	7557	0.225	ng		93
40) Dibenzo(a,h)anthracene	26.370	278	7373	0.185	ng		95
41) Benzo(g,h,i)perylene	27.110	276	8138	0.192	ng		96

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

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