Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023106.D
Acq On : 09 Dec 2022 14:28
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 0.2ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Quant Time: Dec 10 03:23:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 03:22:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.021	152	7018	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	20671	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	10670	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	23057	0.400	ng		#-0.01
29) Chrysene-d12	21.598	240	18654	0.400	ng		0.00
35) Perylene-d12	24.056	264	15998	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.551	112	4125	0.316	ng		0.00
5) Phenol-d6	7.168	99	5094	0.307	ng		0.00
8) Nitrobenzene-d5	9.185	82	3695	0.271	ng		0.00
11) 2-Methylnaphthalene-d10	12.424	152	14561	0.415	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1072	0.277	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	12429	0.292	ng		-0.01
27) Fluoranthene-d10	19.435	212	24963	0.462	ng		0.00
31) Terphenyl-d14	20.031	244	9151	0.302	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	1541	0.222	ng		98
3) n-Nitrosodimethylamine	3.738	42	1300	0.191	ng		96
6) bis(2-Chloroethyl)ether	7.436	93	4295	0.228	ng		100
9) Naphthalene	10.893	128	11001	0.209	ng		99
10) Hexachlorobutadiene	11.182	225	2203	0.220	ng	#	98
12) 2-Methylnaphthalene	12.114	142	1536	0.196	ng	#	92
16) Acenaphthylene	14.378	152	8396	0.195	ng		99
17) Acenaphthene	14.730	154	6351	0.201	ng		99
18) Fluorene	15.703	166	6972	0.197	ng		98
20) 4,6-Dinitro-2-methylph...	15.776	198	461	0.140	ng	#	65
21) 4-Bromophenyl-phenylether	16.595	248	2519	0.205	ng		97
22) Hexachlorobenzene	16.719	284	3433	0.213	ng		98
23) Atrazine	16.868	200	1604	0.185	ng		95
24) Pentachlorophenol	17.055	266	895	0.160	ng		96
25) Phenanthrene	17.452	178	13479	0.196	ng		99
26) Anthracene	17.539	178	10565	0.193	ng		100
28) Fluoranthene	19.469	202	14255	0.194	ng		99
30) Pyrene	19.831	202	13936	0.204	ng		99
32) Benzo(a)anthracene	21.580	228	11271	0.188	ng		100
33) Chrysene	21.634	228	13905	0.206	ng		100
34) Bis(2-ethylhexyl)phtha...	21.500	149	5244	0.206	ng		100
36) Indeno(1,2,3-cd)pyrene	26.629	276	14705	0.205	ng		98
37) Benzo(b)fluoranthene	23.302	252	13694	0.206	ng	#	92
38) Benzo(k)fluoranthene	23.352	252	12645	0.188	ng	#	94
39) Benzo(a)pyrene	23.945	252	11893	0.239	ng	#	88
40) Dibenzo(a,h)anthracene	26.650	278	11775	0.205	ng		97
41) Benzo(g,h,i)perylene	27.419	276	11958	0.195	ng		98

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

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LOD-MDL-SOIL-01-QT4-2022

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