Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025572.D
Acq On : 23 May 2023 14:36
Operator : CG/JU
Sample : 02213-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Quant Time: May 24 03:48:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	3835	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	11268	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	6542	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	14489	0.400	ng		0.00
29) Chrysene-d12	21.607	240	10277	0.400	ng		0.00
35) Perylene-d12	24.114	264	10518	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.593	112	3382	0.343	ng		-0.01
5) Phenol-d6	7.203	99	4397	0.354	ng		0.00
8) Nitrobenzene-d5	9.223	82	3537	0.341	ng		-0.01
11) 2-Methylnaphthalene-d10	12.460	152	7595	0.459	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	846	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	9865	0.348	ng		0.00
27) Fluoranthene-d10	19.460	212	15223	0.443	ng		0.00
31) Terphenyl-d14	20.049	244	8099	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	907	0.204	ng		99
3) n-Nitrosodimethylamine	3.787	42	790	0.150	ng		96
6) bis(2-Chloroethyl)ether	7.478	93	2346	0.206	ng		98
9) Naphthalene	10.931	128	5924	0.190	ng		97
10) Hexachlorobutadiene	11.219	225	1056	0.194	ng	#	98
12) 2-Methylnaphthalene	12.532	142	4011	0.181	ng		97
16) Acenaphthylene	14.416	152	5810	0.181	ng		98
17) Acenaphthene	14.758	154	3906	0.176	ng		94
18) Fluorene	15.734	166	4944	0.179	ng		100
20) 4,6-Dinitro-2-methylph...	15.809	198	563	0.147	ng	#	78
21) 4-Bromophenyl-phenylether	16.628	248	1541	0.180	ng		96
22) Hexachlorobenzene	16.740	284	1480	0.193	ng		97
23) Atrazine	16.889	200	1405	0.186	ng		97
24) Pentachlorophenol	17.087	266	489	0.113	ng		97
25) Phenanthrene	17.472	178	8408	0.180	ng		100
26) Anthracene	17.571	178	7501	0.177	ng		100
28) Fluoranthene	19.490	202	8884	0.173	ng		99
30) Pyrene	19.852	202	8927	0.192	ng		99
32) Benzo(a)anthracene	21.589	228	7451	0.183	ng		98
33) Chrysene	21.652	228	7859	0.186	ng		99
34) Bis(2-ethylhexyl)phtha...	21.508	149	4788	0.189	ng		100
36) Indeno(1,2,3-cd)pyrene	26.746	276	8746	0.182	ng		97
37) Benzo(b)fluoranthene	23.343	252	8418	0.199	ng	#	89
38) Benzo(k)fluoranthene	23.395	252	7840	0.182	ng	#	93
39) Benzo(a)pyrene	24.003	252	6964	0.179	ng	#	79
40) Dibenzo(a,h)anthracene	26.763	278	6959	0.178	ng	#	92
41) Benzo(g,h,i)perylene	27.532	276	7003	0.171	ng		96

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

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