Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025575.D
Acq On : 23 May 2023 16:24
Operator : CG/JU
Sample : 02213-01
Misc : LOD-MDL-SOIL-0.2ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Quant Time: May 24 03:49:09 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	4020	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	11810	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6844	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	14930	0.400	ng		0.00
29) Chrysene-d12	21.611	240	10980	0.400	ng		0.00
35) Perylene-d12	24.127	264	11590	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	3481	0.337	ng		0.00
5) Phenol-d6	7.210	99	4515	0.346	ng		0.00
8) Nitrobenzene-d5	9.223	82	3629	0.334	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7757	0.448	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	847	0.296	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	10139	0.342	ng		0.00
27) Fluoranthene-d10	19.460	212	15499	0.438	ng		0.00
31) Terphenyl-d14	20.044	244	8387	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	891	0.192	ng		96
3) n-Nitrosodimethylamine	3.794	42	721	0.131	ng		96
6) bis(2-Chloroethyl)ether	7.478	93	2310	0.193	ng		100
9) Naphthalene	10.931	128	6067	0.185	ng		97
10) Hexachlorobutadiene	11.219	225	1093	0.191	ng	#	99
12) 2-Methylnaphthalene	12.536	142	4106	0.177	ng		99
16) Acenaphthylene	14.416	152	5880	0.175	ng		100
17) Acenaphthene	14.758	154	3995	0.172	ng		94
18) Fluorene	15.734	166	5040	0.174	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	483	0.122	ng	#	50
21) 4-Bromophenyl-phenylether	16.628	248	1571	0.178	ng		94
22) Hexachlorobenzene	16.740	284	1532	0.194	ng		99
23) Atrazine	16.889	200	1430	0.184	ng		97
24) Pentachlorophenol	17.087	266	465	0.104	ng		96
25) Phenanthrene	17.472	178	8529	0.178	ng		100
26) Anthracene	17.571	178	7514	0.172	ng		99
28) Fluoranthene	19.485	202	9042	0.170	ng		99
30) Pyrene	19.848	202	9182	0.185	ng		100
32) Benzo(a)anthracene	21.593	228	7791	0.179	ng		99
33) Chrysene	21.647	228	8130	0.180	ng		99
34) Bis(2-ethylhexyl)phtha...	21.513	149	4873	0.180	ng		99
36) Indeno(1,2,3-cd)pyrene	26.762	276	9661	0.183	ng		95
37) Benzo(b)fluoranthene	23.353	252	8926	0.191	ng	#	80
38) Benzo(k)fluoranthene	23.408	252	8316	0.175	ng	#	93
39) Benzo(a)pyrene	24.013	252	7546	0.176	ng	#	63
40) Dibenzo(a,h)anthracene	26.785	278	7591	0.177	ng	#	92
41) Benzo(g,h,i)perylene	27.563	276	7574	0.168	ng		93

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

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