Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023686.D
Acq On : 17 Jan 2023 17:35
Operator : CG/JU
Sample : N3980-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 18 05:44:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:42:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.970	152	5415	0.400	ng		0.00
7) Naphthalene-d8	10.786	136	15518	0.400	ng		#-0.01
13) Acenaphthene-d10	14.624	164	8179	0.400	ng		-0.01
19) Phenanthrene-d10	17.377	188	16907	0.400	ng		# 0.00
29) Chrysene-d12	21.562	240	12536	0.400	ng		-0.01
35) Perylene-d12	24.015	264	9762	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	3020	0.281	ng		0.00
5) Phenol-d6	7.132	99	3832	0.277	ng		0.00
8) Nitrobenzene-d5	9.142	82	3246	0.278	ng		0.00
11) 2-Methylnaphthalene-d10	12.378	152	9477	0.443	ng		-0.01
14) 2,4,6-Tribromophenol	16.111	330	863	0.244	ng		-0.01
15) 2-Fluorobiphenyl	13.255	172	9744	0.295	ng		0.00
27) Fluoranthene-d10	19.406	212	17914	0.433	ng		0.00
31) Terphenyl-d14	20.000	244	9122	0.287	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	526	0.108	ng		99
3) n-Nitrosodimethylamine	3.702	42	473	0.087	ng	#	96
6) bis(2-Chloroethyl)ether	7.392	93	1616	0.111	ng		99
9) Naphthalene	10.840	128	4296	0.105	ng		98
10) Hexachlorobutadiene	11.128	225	907	0.109	ng	#	99
12) 2-Methylnaphthalene	12.454	142	3276	0.111	ng		98
16) Acenaphthylene	14.346	152	3031	0.092	ng		99
17) Acenaphthene	14.688	154	2371	0.098	ng		97
18) Fluorene	15.671	166	3112	0.096	ng		100
20) 4,6-Dinitro-2-methylph...	15.751	198	136	0.074	ng	#	1
21) 4-Bromophenyl-phenylether	16.558	248	945	0.098	ng	#	90
22) Hexachlorobenzene	16.682	284	1329	0.110	ng		99
23) Atrazine	16.831	200	640	0.096	ng	#	94
24) Pentachlorophenol	17.030	266	353	0.085	ng		98
25) Phenanthrene	17.414	178	4923	0.099	ng		99
26) Anthracene	17.501	178	3757	0.095	ng		99
28) Fluoranthene	19.435	202	5143	0.092	ng		98
30) Pyrene	19.798	202	4981	0.104	ng		100
32) Benzo(a)anthracene	21.545	228	3947	0.097	ng		98
33) Chrysene	21.598	228	4830	0.108	ng		97
34) Bis(2-ethylhexyl)phtha...	21.473	149	2355	0.124	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.585	276	4450	0.102	ng		94
37) Benzo(b)fluoranthene	23.264	252	4752	0.114	ng	#	68
38) Benzo(k)fluoranthene	23.314	252	4177	0.103	ng	#	79
39) Benzo(a)pyrene	23.907	252	3953	0.126	ng	#	35
40) Dibenzo(a,h)anthracene	26.606	278	3502	0.100	ng	#	84
41) Benzo(g,h,i)perylene	27.378	276	3501	0.098	ng		92

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

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