Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023666.D
Acq On : 16 Jan 2023 15:50
Operator : CG/JU
Sample : N3214-02
Misc : LOQ-SOIL 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Quant Time: Jan 17 04:34:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	3969	0.400	ng		0.00
7) Naphthalene-d8	10.755	136	11686	0.400	ng	#	0.00
13) Acenaphthene-d10	14.591	164	6288	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	13705	0.400	ng		0.00
29) Chrysene-d12	21.536	240	10788	0.400	ng	#	0.00
35) Perylene-d12	23.969	264	8318	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.486	112	2302	0.292	ng		0.00
5) Phenol-d6	7.103	99	2828	0.279	ng		0.00
8) Nitrobenzene-d5	9.110	82	2155	0.245	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	6613	0.410	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	673	0.247	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	6698	0.264	ng		0.00
27) Fluoranthene-d10	19.380	212	13639	0.406	ng		0.00
31) Terphenyl-d14	19.979	244	7638	0.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	691	0.194	ng		97
3) n-Nitrosodimethylamine	3.680	42	742	0.186	ng	#	93
6) bis(2-Chloroethyl)ether	7.363	93	2205	0.206	ng		100
9) Naphthalene	10.808	128	5901	0.191	ng		98
10) Hexachlorobutadiene	11.096	225	1235	0.198	ng	#	99
12) 2-Methylnaphthalene	12.424	142	4516	0.204	ng		99
16) Acenaphthylene	14.314	152	4408	0.174	ng		100
17) Acenaphthene	14.656	154	3369	0.181	ng		100
18) Fluorene	15.639	166	4515	0.181	ng		100
20) 4,6-Dinitro-2-methylph...	15.726	198	213	0.143	ng	#	41
21) 4-Bromophenyl-phenylether	16.533	248	1389	0.178	ng		94
22) Hexachlorobenzene	16.645	284	1899	0.194	ng		99
23) Atrazine	16.806	200	912	0.169	ng		95
24) Pentachlorophenol	16.992	266	561	0.166	ng		99
25) Phenanthrene	17.390	178	7166	0.179	ng		99
26) Anthracene	17.477	178	5577	0.173	ng		100
28) Fluoranthene	19.410	202	7723	0.170	ng		99
30) Pyrene	19.772	202	7646	0.185	ng		100
32) Benzo(a)anthracene	21.527	228	6226	0.179	ng		99
33) Chrysene	21.571	228	7273	0.189	ng		98
34) Bis(2-ethylhexyl)phtha...	21.446	149	3345	0.205	ng		99
36) Indeno(1,2,3-cd)pyrene	26.498	276	6734	0.180	ng		98
37) Benzo(b)fluoranthene	23.223	252	7174	0.202	ng	#	90
38) Benzo(k)fluoranthene	23.273	252	6416	0.185	ng	#	89
39) Benzo(a)pyrene	23.860	252	5692	0.212	ng	#	87
40) Dibenzo(a,h)anthracene	26.521	278	5330	0.179	ng		92
41) Benzo(g,h,i)perylene	27.275	276	5886	0.193	ng		96

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

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