Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023712.D
Acq On : 19 Jan 2023 10:37
Operator : CG/JU
Sample : N3980-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

Quant Time: Jan 20 04:32:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:31:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.999	152	4478	0.400	ng		0.00
7) Naphthalene-d8	10.819	136	11478	0.400	ng		0.00
13) Acenaphthene-d10	14.656	164	5670	0.400	ng		0.01
19) Phenanthrene-d10	17.402	188	12156	0.400	ng		0.00
29) Chrysene-d12	21.589	240	9136	0.400	ng	#	0.00
35) Perylene-d12	24.074	264	7312	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.529	112	2514	0.267	ng		0.00
5) Phenol-d6	7.154	99	2961	0.264	ng		0.00
8) Nitrobenzene-d5	9.164	82	2389	0.263	ng		0.00
11) 2-Methylnaphthalene-d10	12.412	152	7580	0.478	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	532	0.221	ng		0.00
15) 2-Fluorobiphenyl	13.277	172	6591	0.273	ng		0.00
27) Fluoranthene-d10	19.435	212	12162	0.427	ng		0.00
31) Terphenyl-d14	20.031	244	4665	0.324	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	486	0.102	ng		97
3) n-Nitrosodimethylamine	3.716	42	426	0.077	ng	#	98
6) bis(2-Chloroethyl)ether	7.421	93	1293	0.112	ng		97
9) Naphthalene	10.872	128	3064	0.103	ng		95
10) Hexachlorobutadiene	11.160	225	634	0.105	ng	#	97
12) 2-Methylnaphthalene	12.484	142	2174	0.104	ng		98
16) Acenaphthylene	14.378	152	2210	0.096	ng		98
17) Acenaphthene	14.709	154	1604	0.099	ng		98
18) Fluorene	15.703	166	1947	0.085	ng		99
20) 4,6-Dinitro-2-methylph...	15.789	198	136	0.079	ng	#	1
21) 4-Bromophenyl-phenylether	16.595	248	608	0.087	ng	#	92
22) Hexachlorobenzene	16.707	284	880	0.103	ng		99
23) Atrazine	16.868	200	446	0.090	ng	#	86
24) Pentachlorophenol	17.055	266	254	0.087	ng		94
25) Phenanthrene	17.439	178	3275	0.093	ng		99
26) Anthracene	17.539	178	2572	0.090	ng		100
28) Fluoranthene	19.465	202	3509	0.091	ng		98
30) Pyrene	19.827	202	3448	0.102	ng		99
32) Benzo(a)anthracene	21.580	228	2664	0.092	ng		98
33) Chrysene	21.634	228	3251	0.100	ng		98
34) Bis(2-ethylhexyl)phtha...	21.500	149	1701	0.131	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.688	276	2795	0.086	ng	#	84
37) Benzo(b)fluoranthene	23.311	252	2988	0.098	ng	#	68
38) Benzo(k)fluoranthene	23.360	252	2818	0.092	ng	#	68
39) Benzo(a)pyrene	23.963	252	2408	0.107	ng	#	58
40) Dibenzo(a,h)anthracene	26.708	278	2247	0.085	ng	#	72
41) Benzo(g,h,i)perylene	27.489	276	2549	0.092	ng	#	88

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

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