Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
Data File : BN023118.D
Acq On : 10 Dec 2022 12:15
Operator : CG/JU
Sample : N4955-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 05:27:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:27:14 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
12/12/2022
Supervised By :Jagrut Upadhyay
12/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.021	152	7351	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	21486	0.400	ng	#	0.00
13) Acenaphthene-d10	14.656	164	11174	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	24133	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	18898	0.400	ng	#	0.00
35) Perylene-d12	24.050	264	15474	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.551	112	3742	0.273	ng		0.00
5) Phenol-d6	7.168	99	4570	0.263	ng		0.00
8) Nitrobenzene-d5	9.185	82	3780	0.267	ng		0.00
11) 2-Methylnaphthalene-d10	12.424	152	16293	0.447	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	971	0.240	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	12934	0.290	ng		0.00
27) Fluoranthene-d10	19.435	212	25369	0.449	ng		0.00
31) Terphenyl-d14	20.031	244	8751	0.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	886	0.122	ng		90
3) n-Nitrosodimethylamine	3.752	42	520	0.073	ng	#	93
6) bis(2-Chloroethyl)ether	7.436	93	2228	0.113	ng		98
9) Naphthalene	10.883	128	5610	0.103	ng		97
10) Hexachlorobutadiene	11.182	225	1124	0.108	ng	#	99
12) 2-Methylnaphthalene	12.114	142	764	0.094	ng	#	73
16) Acenaphthylene	14.378	152	4194	0.093	ng		99
17) Acenaphthene	14.720	154	3260	0.099	ng		98
18) Fluorene	15.703	166	3628	0.098	ng		98
20) 4,6-Dinitro-2-methylph...	15.776	198	215	0.062	ng	#	10
21) 4-Bromophenyl-phenylether	16.595	248	1318	0.102	ng	#	88
22) Hexachlorobenzene	16.707	284	1819	0.108	ng		98
23) Atrazine	16.856	200	788	0.087	ng	#	85
24) Pentachlorophenol	17.055	266	422	0.072	ng		91
25) Phenanthrene	17.452	178	7064	0.098	ng		99
26) Anthracene	17.539	178	5387	0.094	ng		99
28) Fluoranthene	19.465	202	7465	0.097	ng		98
30) Pyrene	19.827	202	7037	0.102	ng		100
32) Benzo(a)anthracene	21.571	228	5610	0.092	ng		99
33) Chrysene	21.625	228	7140	0.104	ng		97
34) Bis(2-ethylhexyl)phtha...	21.491	149	3921	0.152	ng		98
36) Indeno(1,2,3-cd)pyrene	26.620	276	6440	0.093	ng		98
37) Benzo(b)fluoranthene	23.296	252	6375	0.099	ng	#	80
38) Benzo(k)fluoranthene	23.346	252	6147m	0.094	ng		
39) Benzo(a)pyrene	23.939	252	5522	0.115	ng	#	70
40) Dibenzo(a,h)anthracene	26.641	278	5023	0.090	ng	#	89
41) Benzo(g,h,i)perylene	27.413	276	5537	0.093	ng		95

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

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