Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025487.D
Acq On : 19 May 2023 13:01
Operator : CG/JU
Sample : 02500-12DL 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILDL

Quant Time: May 19 13:39:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	6334	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19099	0.400	ng	#-0.01
13) Acenaphthene-d10	14.704	164	11882	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	26947	0.400	ng	0.00
29) Chrysene-d12	21.638	240	22639	0.400	ng	0.00
35) Perylene-d12	24.151	264	20864	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	84761	5.929	ng	-0.01
5) Phenol-d6	7.210	99	117026	6.377	ng	0.00
8) Nitrobenzene-d5	9.233	82	59343	3.892	ng	0.00
11) 2-Methylnaphthalene-d10	12.449	152	9	0.000	ng	-0.03
14) 2,4,6-Tribromophenol	16.181	330	31530	6.805	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	180599	3.973	ng	0.00
27) Fluoranthene-d10	19.468	212	34	0.001	ng	0.00
31) Terphenyl-d14	20.062	244	204748	5.088	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.942	128	104035	2.141	ng	100
10) Hexachlorobutadiene	11.230	225	22032	2.388	ng	# 98
12) 2-Methylnaphthalene	12.543	142	91836	2.613	ng	100
16) Acenaphthylene	14.426	152	136081	2.508	ng	100
17) Acenaphthene	14.769	154	60369	1.687	ng	96
18) Fluorene	15.747	166	125401	2.833	ng	97
25) Phenanthrene	17.484	178	144382	1.829	ng	100
26) Anthracene	17.571	178	202986	2.748	ng	100
28) Fluoranthene	19.502	202	199784	2.226	ng	100
30) Pyrene	19.860	202	150466	1.666	ng	100
32) Benzo(a)anthracene	21.620	228	127903	1.560	ng	99
36) Indeno(1,2,3-cd)pyrene	26.791	276	214736	2.543	ng	100
40) Dibenzo(a,h)anthracene	26.817	278	174752	2.584	ng	97
41) Benzo(g,h,i)perylene	27.615	276	96472	1.353	ng	99

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

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