

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051222\
 Data File : BN019748.D
 Acq On : 12 May 2022 13:43
 Operator : CG/JU
 Sample : N2656-14DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOILD

Quant Time: May 13 06:16:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 10 01:35:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.847	152	4686	0.400 ng	-0.01
7) Naphthalene-d8	10.637	136	14732	0.400 ng	-0.01
13) Acenaphthene-d10	14.474	164	9144	0.400 ng	0.00
19) Phenanthrene-d10	17.215	188	21113	0.400 ng	# 0.00
29) Chrysene-d12	21.404	240	19114	0.400 ng	0.00
35) Perylene-d12	23.747	264	17025	0.400 ng	# 0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.428	112	429	0.040 ng	-0.01
5) Phenol-d6	7.002	99	548	0.041 ng	-0.02
8) Nitrobenzene-d5	8.993	82	960	0.078 ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	791	0.031 ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	175	0.053 ng	-0.01
15) 2-Fluorobiphenyl	13.095	172	4238	0.103 ng	-0.01
27) Fluoranthene-d10	19.244	212	2122	0.035 ng	0.00
31) Terphenyl-d14	19.843	244	9366	0.211 ng	0.00
Target Compounds					Qvalue
9) Naphthalene	10.680	128	41361	0.920 ng	99
12) 2-Methylnaphthalene	12.299	142	21488	0.713 ng	100
16) Acenaphthylene	14.185	152	19352	0.420 ng	97
17) Acenaphthene	14.527	154	22980	0.715 ng	97
18) Fluorene	15.522	166	29721	0.729 ng	100
25) Phenanthrene	17.246	178	113702	1.520 ng	100
26) Anthracene	17.338	178	91388	1.478 ng	100
28) Fluoranthene	19.274	202	47505	0.595 ng	100
30) Pyrene	19.636	202	64947	0.799 ng	100
32) Benzo(a)anthracene	21.387	228	25481	0.368 ng	99
33) Chrysene	21.440	228	58366	0.723 ng	100
36) Indeno(1,2,3-cd)pyrene	26.150	276	37045	0.430 ng	96
37) Benzo(b)fluoranthene	23.036	252	53811	0.704 ng	97
38) Benzo(k)fluoranthene	23.083	252	17963	0.226 ng	97
39) Benzo(a)pyrene	23.641	252	13205	0.223 ng	97
40) Dibenzo(a,h)anthracene	26.167	278	18820	0.267 ng	98
41) Benzo(g,h,i)perylene	26.887	276	10129	0.138 ng	99

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

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