

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051222\
 Data File : BN019747.D
 Acq On : 12 May 2022 11:25
 Operator : CG/JU
 Sample : N2656-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: May 13 06:15:55 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	7.854	152	4296	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13669	0.400	ng	-0.01
13) Acenaphthene-d10	14.474	164	8166	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	18038	0.400	ng	# 0.00
29) Chrysene-d12	21.404	240	17772	0.400	ng	# 0.00
35) Perylene-d12	23.743	264	15830	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	3523	0.363	ng	0.00
5) Phenol-d6	7.016	99	4505	0.368	ng	0.00
8) Nitrobenzene-d5	8.992	82	2803	0.245	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	7234	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.953	330	911	0.307	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	10086	0.274	ng	0.00
27) Fluoranthene-d10	19.244	212	20270	0.390	ng	0.00
31) Terphenyl-d14	19.843	244	13411	0.325	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.690	128	394071	9.443	ng	99
12) 2-Methylnaphthalene	12.299	142	202261	7.230	ng	99
16) Acenaphthylene	14.196	152	187819	4.570	ng	99
17) Acenaphthene	14.538	154	214292	7.471	ng	97
18) Fluorene	15.521	166	278336	7.642	ng	100
25) Phenanthrene	17.256	178	971063	15.198	ng	100
26) Anthracene	17.348	178	821595	15.557	ng	100
28) Fluoranthene	19.274	202	457088	6.704	ng	99
30) Pyrene	19.636	202	600785	7.948	ng	100
32) Benzo(a)anthracene	21.386	228	269756	4.196	ng	100
33) Chrysene	21.440	228	554864	7.397	ng	100
36) Indeno(1,2,3-cd)pyrene	26.144	276	356980	4.454	ng	95
37) Benzo(b)fluoranthene	23.033	252	530037	7.455	ng	95
38) Benzo(k)fluoranthene	23.080	252	170245	2.304	ng	96
39) Benzo(a)pyrene	23.638	252	134799	2.452	ng	# 92
40) Dibenzo(a,h)anthracene	26.164	278	180571	2.753	ng	96
41) Benzo(g,h,i)perylene	26.880	276	101322	1.483	ng	97

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

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