

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111021\
 Data File : BN017379.D
 Acq On : 10 Nov 2021 10:42
 Operator : CG/JU
 Sample : M4386-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: Nov 10 11:15:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	26321	0.400	ng	0.00
7) Naphthalene-d8	10.307	136	117439	0.400	ng	# 0.00
13) Acenaphthene-d10	14.182	164	62231	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	125343	0.400	ng	0.00
29) Chrysene-d12	21.144	240	113272	0.400	ng	0.01
35) Perylene-d12	23.335	264	103492	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	17857	0.294	ng	0.02
5) Phenol-d6	6.740	99	18868	0.282	ng	0.00
8) Nitrobenzene-d5	8.685	82	23356	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	11.907	152	58378	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	6126	0.264	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	77044	0.325	ng	0.00
27) Fluoranthene-d10	18.975	212	127179	0.398	ng	0.00
31) Terphenyl-d14	19.586	244	108366	0.429	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.358	128	4422411	14.293	ng	99
12) 2-Methylnaphthalene	11.982	142	758654	3.726	ng	100
16) Acenaphthylene	13.890	152	2536376	9.999	ng	100
17) Acenaphthene	14.245	154	1700654	9.735	ng	96
18) Fluorene	15.235	166	865693	4.149	ng	99
25) Phenanthrene	16.970	178	3166157	8.815	ng	100
26) Anthracene	17.068	178	1868533	6.245	ng	100
28) Fluoranthene	19.005	202	1200612	3.099	ng	100
30) Pyrene	19.367	202	1232984	3.369	ng	100
32) Benzo(a)anthracene	21.123	228	2816148	8.194	ng	99
33) Chrysene	21.176	228	2180615	5.962	ng	99
34) Bis(2-ethylhexyl)phtha...	21.080	149	65201	0.538	ng	96
36) Indeno(1,2,3-cd)pyrene	25.543	276	681138	1.880	ng	97
37) Benzo(b)fluoranthene	22.678	252	1279311	3.781	ng	100
38) Benzo(k)fluoranthene	22.723	252	1167901	3.451	ng	98
39) Benzo(a)pyrene	23.240	252	1871109	6.248	ng	99
40) Dibenzo(a,h)anthracene	25.564	278	766132	2.629	ng	99
41) Benzo(g,h,i)perylene	26.218	276	449622	1.431	ng	100

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

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