

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
 Data File : BN022600.D
 Acq On : 10 Nov 2022 14:43
 Operator : CG/JU
 Sample : N5317-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: Nov 10 23:51:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 23:28:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	1719	0.400	ng	0.00
7) Naphthalene-d8	10.720	136	5315	0.400	ng	0.00
13) Acenaphthene-d10	14.568	164	3078	0.400	ng	0.00
19) Phenanthrene-d10	17.325	188	6351	0.400	ng	0.00
29) Chrysene-d12	21.537	240	5607	0.400	ng	0.00
35) Perylene-d12	23.982	264	4920	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.450	112	1429	0.287	ng	0.00
5) Phenol-d6	7.097	99	2019	0.325	ng	0.00
8) Nitrobenzene-d5	9.086	82	1377	0.272	ng	0.01
11) 2-Methylnaphthalene-d10	12.319	152	2487	0.287	ng	0.00
14) 2,4,6-Tribromophenol	16.084	330	421	0.283	ng	0.01
15) 2-Fluorobiphenyl	13.199	172	3897	0.311	ng	0.00
27) Fluoranthene-d10	19.373	212	5883	0.336	ng	0.00
31) Terphenyl-d14	19.972	244	5909	0.340	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.773	128	98190	6.261	ng	98
16) Acenaphthylene	14.290	152	111441	7.865	ng	100
17) Acenaphthene	14.632	154	125271	12.898	ng	98
18) Fluorene	15.626	166	55670	4.232	ng	99
25) Phenanthrene	17.375	178	202790	9.905	ng	100
26) Anthracene	17.462	178	217280	12.426	ng	100
28) Fluoranthene	19.403	202	108079	4.870	ng	99
30) Pyrene	19.765	202	43564	1.907	ng	100
32) Benzo(a)anthracene	21.519	228	163004	7.906	ng	98
33) Chrysene	21.573	228	123872	5.828	ng	99
36) Indeno(1,2,3-cd)pyrene	26.528	276	147044	6.326	ng	97
37) Benzo(b)fluoranthene	23.227	252	29372	1.475	ng	95
38) Benzo(k)fluoranthene	23.277	252	195559	9.841	ng	# 89
39) Benzo(a)pyrene	23.871	252	21619	1.336	ng	# 87
40) Dibenzo(a,h)anthracene	26.552	278	63908	3.419	ng	92
41) Benzo(g,h,i)perylene	27.321	276	46137	2.345	ng	97

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

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