

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070325\
 Data File : BM050356.D
 Acq On : 03 Jul 2025 15:34
 Operator : RC/JU
 Sample : Q2117-03
 Misc : MDL-SOIL-0.07ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2025-03

Quant Time: Jul 03 16:17:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 12:56:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/07/2025
 Supervised By :Jagrut Upadhyay 07/07/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	8493	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	20875	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.493	164	9550	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	16529	0.400	ng/ul	0.00
17) Chrysene-d12	21.385	240	12446	0.400	ng/ul	0.00
23) Perylene-d12	23.680	264	12310	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	5986	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	8715	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	12471	0.342	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.341	88	742m	0.067	ng/ul	
5) Naphthalene	10.711	128	4183	0.072	ng/ul#	94
7) 2-Methylnaphthalene	12.322	142	2496	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.542	142	2365	0.066	ng/ul	99
10) Acenaphthylene	14.215	152	3190	0.071	ng/ul	94
11) Acenaphthene	14.553	153	2414	0.073	ng/ul	99
12) Fluorene	15.538	166	2518	0.069	ng/ul#	95
14) Pentachlorophenol	16.875	266	270	0.073	ng/ul	92
15) Phenanthrene	17.268	178	3621	0.069	ng/ul#	91
16) Anthracene	17.357	178	3124	0.068	ng/ul#	92
19) Fluoranthene	19.276	202	4002	0.075	ng/ul#	95
20) Pyrene	19.634	202	4036	0.075	ng/ul#	93
21) Benzo(a)anthracene	21.371	228	3314	0.075	ng/ul	96
22) Chrysene	21.420	228	4188	0.079	ng/ul	97
24) Benzo(b)fluoranthene	22.987	252	4600m	0.086	ng/ul	
25) Benzo(k)fluoranthene	23.031	252	4694	0.077	ng/ul#	63
26) Benzo(a)pyrene	23.577	252	3095	0.070	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.020	276	4989	0.081	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.037	278	3770	0.079	ng/ul#	55
29) Benzo(g,h,i)perylene	26.735	276	4576	0.083	ng/ul#	83

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

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