

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061825\
 Data File : BN037309.D
 Acq On : 18 Jun 2025 11:20
 Operator : RC/JU
 Sample : Q2117-04
 Misc : MDL-SOIL-0.07 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2025-04

Quant Time: Jun 18 12:23:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 17 15:03:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/18/2025
 Supervised By :Jagrut Upadhyay 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.360	136	1399	0.400	ng/ul #	0.01
9) Acenaphthene-d10	14.225	164	1150	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.987	188	2199	0.400	ng/ul #	0.00
17) Chrysene-d12	21.182	240	2224	0.400	ng/ul #	0.00
23) Perylene-d12	23.363	264	2577	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.072	96	438	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	770	0.330	ng/ul	0.01
18) Fluoranthene-d10	19.018	212	2394	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.106	88	49m	0.067	ng/ul	
5) Naphthalene	10.409	128	277	0.075	ng/ul#	48
7) 2-Methylnaphthalene	12.037	142	192	0.072	ng/ul	100
8) 1-Methylnaphthalene	12.252	142	200	0.073	ng/ul	96
10) Acenaphthylene	13.948	152	361	0.069	ng/ul#	64
11) Acenaphthene	14.295	153	276	0.075	ng/ul	95
12) Fluorene	15.303	166	283	0.063	ng/ul#	91
14) Pentachlorophenol	16.649	266	51	0.063	ng/ul#	86
15) Phenanthrene	17.025	178	442	0.069	ng/ul#	64
16) Anthracene	17.134	178	350	0.060	ng/ul#	43
19) Fluoranthene	19.045	202	654	0.074	ng/ul#	63
20) Pyrene	19.413	202	673	0.075	ng/ul#	68
21) Benzo(a)anthracene	21.171	228	427	0.057	ng/ul#	73
22) Chrysene	21.214	228	707	0.074	ng/ul#	82
24) Benzo(b)fluoranthene	22.716	252	552	0.062	ng/ul#	24
25) Benzo(k)fluoranthene	22.760	252	741	0.070	ng/ul#	30
26) Benzo(a)pyrene	23.278	252	647	0.072	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	25.566	276	760	0.069	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.616	278	531	0.062	ng/ul#	1
29) Benzo(g,h,i)perylene	26.227	276	701	0.074	ng/ul#	58

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

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