

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061725\
 Data File : BN037302.D
 Acq On : 17 Jun 2025 11:58
 Operator : RC/JU
 Sample : Q2117-03
 Misc : MDL-SOIL-0.07 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 17 15:10:57 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	7.570	152	1124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.349	136	2408	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.225	164	1872	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	3901	0.400	ng/ul	0.00
17) Chrysene-d12	21.179	240	3838	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	4452	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.072	96	747	0.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.955	152	1937	0.482	ng/ul	0.00
18) Fluoranthene-d10	19.013	212	6197	0.506	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.110	88	77m	0.059	ng/ul	
5) Naphthalene	10.404	128	426	0.067	ng/ul#	69
7) 2-Methylnaphthalene	12.026	142	316	0.069	ng/ul	98
8) 1-Methylnaphthalene	12.252	142	324	0.069	ng/ul	95
10) Acenaphthylene	13.943	152	568	0.067	ng/ul#	78
11) Acenaphthene	14.290	153	415	0.069	ng/ul	94
12) Fluorene	15.290	166	458	0.063	ng/ul#	95
14) Pentachlorophenol	16.640	266	113	0.078	ng/ul	95
15) Phenanthrene	17.020	178	779	0.069	ng/ul#	80
16) Anthracene	17.122	178	643	0.062	ng/ul#	74
19) Fluoranthene	19.041	202	1096	0.072	ng/ul#	81
20) Pyrene	19.408	202	1119	0.072	ng/ul#	84
21) Benzo(a)anthracene	21.168	228	803	0.062	ng/ul#	87
22) Chrysene	21.215	228	1272	0.077	ng/ul#	89
24) Benzo(b)fluoranthene	22.716	252	1034	0.067	ng/ul#	48
25) Benzo(k)fluoranthene	22.760	252	1250	0.068	ng/ul#	48
26) Benzo(a)pyrene	23.272	252	1031	0.066	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	25.569	276	1310	0.069	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.586	278	968	0.066	ng/ul#	16
29) Benzo(g,h,i)perylene	26.227	276	1168	0.071	ng/ul#	82

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

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