

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032525\
 Data File : BM049756.D
 Acq On : 25 Mar 2025 11:47
 Operator : RC/JU
 Sample : Q1546-03
 Misc : MDL-SOIL-QT1-2025
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2025-01

Quant Time: Mar 25 13:00:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM030425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 13:03:01 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/25/2025
 Supervised By :Jagrut Upadhyay 03/25/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	7897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	19846	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.442	164	11530	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.183	188	22800	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	15625	0.400	ng/ul	0.00
23) Perylene-d12	23.645	264	14278	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	4098	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	9693	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	19963	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	611m	0.062	ng/ul	
5) Naphthalene	10.650	128	3611	0.068	ng/ul#	94
7) 2-Methylnaphthalene	12.267	142	2348	0.069	ng/ul	97
8) 1-Methylnaphthalene	12.487	142	2279	0.066	ng/ul	98
10) Acenaphthylene	14.164	152	3342	0.065	ng/ul	95
11) Acenaphthene	14.507	153	2568	0.069	ng/ul	97
12) Fluorene	15.492	166	2906	0.070	ng/ul	99
14) Pentachlorophenol	16.841	266	310	0.064	ng/ul	100
15) Phenanthrene	17.226	178	4557	0.066	ng/ul	97
16) Anthracene	17.319	178	3837	0.062	ng/ul#	92
19) Fluoranthene	19.239	202	5241	0.080	ng/ul#	96
20) Pyrene	19.602	202	5386	0.079	ng/ul	96
21) Benzo(a)anthracene	21.344	228	3845	0.067	ng/ul	99
22) Chrysene	21.397	228	4509	0.074	ng/ul	97
24) Benzo(b)fluoranthene	22.955	252	4578	0.089	ng/ul#	62
25) Benzo(k)fluoranthene	23.004	252	4691	0.088	ng/ul#	69
26) Benzo(a)pyrene	23.548	252	3823	0.079	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	25.963	276	5261	0.077	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.987	278	4054	0.077	ng/ul#	73
29) Benzo(g,h,i)perylene	26.674	276	4157	0.075	ng/ul#	87

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

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