Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070725\
Data File : BM050362.D
Acq On : 07 Jul 2025 12:39
Operator : RC/JU
Sample : Q2117-04
Misc : MDL-SOIL-0.07 PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 13:08:14 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

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/08/2025
Supervised By :Jagrut Upadhyay 07/08/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.872	152	8303	0.400	ng/ul		0.00
4) Naphthalene-d8	10.662	136	21090	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.493	164	10835	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.226	188	20877	0.400	ng/ul		0.00
17) Chrysene-d12	21.382	240	16987	0.400	ng/ul	#	0.00
23) Perylene-d12	23.674	264	18066	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.307	96	5258	0.548	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.251	152	9436	0.331	ng/ul		0.00
18) Fluoranthene-d10	19.244	212	16570	0.333	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.345	88	694m	0.064	ng/ul		
5) Naphthalene	10.711	128	4040	0.069	ng/ul	#	95
7) 2-Methylnaphthalene	12.322	142	2617	0.072	ng/ul		98
8) 1-Methylnaphthalene	12.542	142	2398	0.067	ng/ul		99
10) Acenaphthylene	14.211	152	3340	0.065	ng/ul		95
11) Acenaphthene	14.553	153	2600	0.069	ng/ul		99
12) Fluorene	15.538	166	2825	0.069	ng/ul		99
14) Pentachlorophenol	16.880	266	346	0.074	ng/ul		94
15) Phenanthrene	17.268	178	4349	0.066	ng/ul		95
16) Anthracene	17.357	178	3644	0.063	ng/ul	#	92
19) Fluoranthene	19.272	202	5171	0.071	ng/ul		99
20) Pyrene	19.630	202	5150	0.070	ng/ul		99
21) Benzo(a)anthracene	21.365	228	4253	0.070	ng/ul		98
22) Chrysene	21.415	228	5137	0.071	ng/ul		99
24) Benzo(b)fluoranthene	22.981	252	5334	0.068	ng/ul		74
25) Benzo(k)fluoranthene	23.025	252	5809	0.065	ng/ul	#	74
26) Benzo(a)pyrene	23.574	252	4562	0.071	ng/ul	#	58
27) Indeno(1,2,3-cd)pyrene	26.014	276	6805	0.075	ng/ul		98
28) Dibenzo(a,h)anthracene	26.034	278	5105	0.073	ng/ul	#	69
29) Benzo(g,h,i)perylene	26.725	276	5598	0.069	ng/ul	#	91

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

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