

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101823\
 Data File : BM042354.D
 Acq On : 18 Oct 2023 17:42
 Operator : MA/JU
 Sample : 03573-03
 Misc : SFAM-SIM-SOIL- MDL- 01
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

Quant Time: Oct 18 18:50:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 14:30:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
 Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	3438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	8955	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	3746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	7067	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	3064	0.400	ng/ul	0.00
23) Perylene-d12	24.055	264	3003	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	2133	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4145	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	5465	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	559m	0.104	ng/ul	
5) Naphthalene	10.889	128	1965	0.069	ng/ul#	87
7) 2-Methylnaphthalene	12.495	142	1137	0.068	ng/ul	94
8) 1-Methylnaphthalene	12.709	142	1142	0.067	ng/ul	96
10) Acenaphthylene	14.384	152	1572	0.070	ng/ul#	90
11) Acenaphthene	14.717	153	1270	0.069	ng/ul	96
12) Fluorene	15.707	166	1358	0.068	ng/ul#	95
14) Pentachlorophenol	17.046	266	171	0.063	ng/ul	92
15) Phenanthrene	17.447	178	2123	0.069	ng/ul#	92
16) Anthracene	17.548	178	1671m	0.064	ng/ul	
19) Fluoranthene	19.454	202	2254	0.067	ng/ul#	92
20) Pyrene	19.826	202	2269	0.065	ng/ul	95
21) Benzo(a)anthracene	21.568	228	1549	0.068	ng/ul	93
22) Chrysene	21.623	228	1766	0.075	ng/ul	95
24) Benzo(b)fluoranthene	23.289	252	1759	0.072	ng/ul	55
25) Benzo(k)fluoranthene	23.342	252	1616	0.070	ng/ul#	51
26) Benzo(a)pyrene	23.944	252	1407	0.073	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.656	276	1791	0.072	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.683	278	1266	0.071	ng/ul#	67
29) Benzo(g,h,i)perylene	27.461	276	1625	0.076	ng/ul#	81

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

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