

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101923\
 Data File : BM042369.D
 Acq On : 19 Oct 2023 14:24
 Operator : MA/JU
 Sample : 03573-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

Quant Time: Oct 19 15:45:30 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 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	3656	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	9477	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	3948	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	7387	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	3087	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	3177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	2258	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4396	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	5569	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	595m	0.104	ng/ul	
5) Naphthalene	10.889	128	2054	0.068	ng/ul#	88
7) 2-Methylnaphthalene	12.495	142	1216	0.069	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	1204	0.067	ng/ul	98
10) Acenaphthylene	14.384	152	1661	0.070	ng/ul#	89
11) Acenaphthene	14.717	153	1338	0.069	ng/ul	98
12) Fluorene	15.707	166	1422	0.067	ng/ul#	96
14) Pentachlorophenol	17.046	266	209	0.074	ng/ul	93
15) Phenanthrene	17.447	178	2220	0.069	ng/ul#	92
16) Anthracene	17.544	178	1727	0.063	ng/ul#	88
19) Fluoranthene	19.454	202	2327	0.069	ng/ul#	95
20) Pyrene	19.822	202	2301	0.066	ng/ul	94
21) Benzo(a)anthracene	21.565	228	1592	0.069	ng/ul	94
22) Chrysene	21.618	228	1753	0.074	ng/ul	96
24) Benzo(b)fluoranthene	23.284	252	1738	0.067	ng/ul	56
25) Benzo(k)fluoranthene	23.336	252	1779	0.073	ng/ul#	57
26) Benzo(a)pyrene	23.939	252	1456	0.071	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.649	276	1850	0.070	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.672	278	1346	0.071	ng/ul#	70
29) Benzo(g,h,i)perylene	27.457	276	1665	0.073	ng/ul#	81

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

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