

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
 Data File : BM048821.D
 Acq On : 03 Dec 2024 15:37
 Operator : RC/JU
 Sample : P4776-03
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Dec 03 16:07:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 00:22:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	3295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	8566	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.237	164	5005	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	8550	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	4743	0.400	ng/ul	0.00
23) Perylene-d12	23.364	264	5880	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	2746	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	4326	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.019	212	7630m	0.521	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.206	88	337m	0.068	ng/ul	
5) Naphthalene	10.424	128	1647	0.076	ng/ul#	78
7) 2-Methylnaphthalene	12.046	142	915	0.073	ng/ul	96
8) 1-Methylnaphthalene	12.266	142	982	0.074	ng/ul	98
10) Acenaphthylene	13.959	152	1577	0.072	ng/ul#	90
11) Acenaphthene	14.302	153	1211	0.076	ng/ul	92
12) Fluorene	15.310	166	1164	0.071	ng/ul#	95
14) Pentachlorophenol	16.688	266	55m	0.074	ng/ul	
15) Phenanthrene	17.030	178	1491	0.069	ng/ul#	83
16) Anthracene	17.127	178	1252	0.065	ng/ul#	75
19) Fluoranthene	19.052	202	1901	0.087	ng/ul#	83
20) Pyrene	19.414	202	1947	0.086	ng/ul#	89
21) Benzo(a)anthracene	21.172	228	879	0.066	ng/ul#	88
22) Chrysene	21.222	228	1841	0.087	ng/ul#	87
24) Benzo(b)fluoranthene	22.715	252	1203	0.073	ng/ul#	49
25) Benzo(k)fluoranthene	22.765	252	1884	0.081	ng/ul#	41
26) Benzo(a)pyrene	23.271	252	1039	0.061	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	25.541	276	1627	0.073	ng/ul#	46
28) Dibenzo(a,h)anthracene	25.568	278	1151	0.069	ng/ul#	22
29) Benzo(g,h,i)perylene	26.182	276	1479	0.076	ng/ul#	74

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

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