

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051724\
 Data File : BN031546.D
 Acq On : 16 May 2024 12:24
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-SIM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Quant Time: May 16 12:58:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN051624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 12:57:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	11547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	35889	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	18329	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	40825	0.400	ng/ul	0.00
17) Chrysene-d12	21.263	240	26627	0.400	ng/ul	0.00
23) Perylene-d12	23.496	264	23539	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	5909	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	18847	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.104	212	34858	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	1443m	0.100	ng/ul	
5) Naphthalene	10.529	128	6760	0.070	ng/ul	96
7) 2-Methylnaphthalene	12.146	142	4191	0.069	ng/ul	100
8) 1-Methylnaphthalene	12.366	142	4139	0.065	ng/ul	98
10) Acenaphthylene	14.053	152	5646	0.068	ng/ul	97
11) Acenaphthene	14.395	153	4479	0.071	ng/ul	99
12) Fluorene	15.385	166	4797	0.068	ng/ul	99
14) Pentachlorophenol	16.719	266	393	0.062	ng/ul	100
15) Phenanthrene	17.116	178	8015	0.067	ng/ul	97
16) Anthracene	17.209	178	6327	0.063	ng/ul	95
19) Fluoranthene	19.137	202	8054	0.081	ng/ul	99
20) Pyrene	19.499	202	7635	0.078	ng/ul	99
21) Benzo(a)anthracene	21.245	228	5507	0.060	ng/ul	96
22) Chrysene	21.298	228	6619	0.067	ng/ul	99
24) Benzo(b)fluoranthene	22.820	252	5172	0.060	ng/ul#	71
25) Benzo(k)fluoranthene	22.867	252	6397	0.068	ng/ul#	69
26) Benzo(a)pyrene	23.396	252	4614	0.061	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	25.755	276	5224	0.059	ng/ul#	44
28) Dibenzo(a,h)anthracene	25.769	278	4043	0.058	ng/ul#	74
29) Benzo(g,h,i)perylene	26.446	276	3878	0.055	ng/ul#	87

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

