

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051824\
 Data File : BN031559.D
 Acq On : 17 May 2024 12:17
 Operator : MA/JU
 Sample : P2409-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Quant Time: May 17 12:48:33 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	7.692	152	13627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.475	136	43376	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.327	164	22721	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.075	188	49574	0.400	ng/ul	0.00
17) Chrysene-d12	21.261	240	33285	0.400	ng/ul	0.00
23) Perylene-d12	23.497	264	31486	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	6596	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.070	152	23052	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.106	212	42473	0.460	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.236	88	1479m	0.086	ng/ul	
5) Naphthalene	10.525	128	8164	0.070	ng/ul	97
7) 2-Methylnaphthalene	12.142	142	5088	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.361	142	5065	0.065	ng/ul	98
10) Acenaphthylene	14.049	152	6985	0.068	ng/ul	97
11) Acenaphthene	14.392	153	5458	0.070	ng/ul	98
12) Fluorene	15.382	166	5890	0.068	ng/ul	98
14) Pentachlorophenol	16.716	266	532	0.069	ng/ul	99
15) Phenanthrene	17.117	178	9743	0.067	ng/ul	99
16) Anthracene	17.206	178	7677	0.063	ng/ul	96
19) Fluoranthene	19.134	202	9861	0.080	ng/ul	98
20) Pyrene	19.496	202	9402	0.077	ng/ul	98
21) Benzo(a)anthracene	21.246	228	7081	0.061	ng/ul	98
22) Chrysene	21.299	228	8360	0.067	ng/ul	100
24) Benzo(b)fluoranthene	22.821	252	7309	0.063	ng/ul#	75
25) Benzo(k)fluoranthene	22.865	252	8612	0.069	ng/ul#	71
26) Benzo(a)pyrene	23.397	252	6058	0.060	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	25.750	276	7568	0.064	ng/ul#	44
28) Dibenzo(a,h)anthracene	25.767	278	5699	0.061	ng/ul#	79
29) Benzo(g,h,i)perylene	26.438	276	5443	0.057	ng/ul	92

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

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