Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053024\
Data File : BM045785.D
Acq On : 30 May 2024 12:31
Operator : MA/JU
Sample : P2409-04
Misc : SFAM-SIM-MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 13:08:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 00:02:49 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	6778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.254	136	20090	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.126	164	10383	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	20202	0.400	ng/ul	0.00
17) Chrysene-d12	21.062	240	11894	0.400	ng/ul	0.00
23) Perylene-d12	23.177	264	12724	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	3371	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	10807	0.389	ng/ul	0.00
18) Fluoranthene-d10	18.899	212	17097	0.417	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	615m	0.073	ng/ul	
5) Naphthalene	10.303	128	3564	0.068	ng/ul#	93
7) 2-Methylnaphthalene	11.931	142	2129	0.065	ng/ul	100
8) 1-Methylnaphthalene	12.151	142	2276	0.066	ng/ul	99
10) Acenaphthylene	13.849	152	3057	0.064	ng/ul#	94
11) Acenaphthene	14.186	153	2295	0.066	ng/ul	98
12) Fluorene	15.181	166	2434	0.063	ng/ul	99
14) Pentachlorophenol	16.562	266	85m	0.082	ng/ul	
15) Phenanthrene	16.912	178	3573	0.063	ng/ul	95
16) Anthracene	17.005	178	2997m	0.057	ng/ul	
19) Fluoranthene	18.931	202	3807	0.069	ng/ul#	96
20) Pyrene	19.294	202	3796	0.067	ng/ul	95
21) Benzo(a)anthracene	21.047	228	2702	0.059	ng/ul	95
22) Chrysene	21.100	228	2837m	0.060	ng/ul	
24) Benzo(b)fluoranthene	22.555	252	2991	0.064	ng/ul#	35
25) Benzo(k)fluoranthene	22.596	252	3083	0.067	ng/ul#	49
26) Benzo(a)pyrene	23.087	252	2676	0.068	ng/ul#	36
27) Indeno(1,2,3-cd)pyrene	25.253	276	2810	0.064	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.270	278	2060	0.064	ng/ul#	43
29) Benzo(g,h,i)perylene	25.880	276	2837	0.065	ng/ul#	73

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

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