Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031124\
Data File : BM044580.D
Acq On : 11 Mar 2024 16:48
Operator : MA/JU
Sample : P1601-03
Misc : SFAM-SIM-MDL-SOIL-01
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 12 00:06:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 14:02:17 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	5479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.512	136	17513	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.371	164	9958	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.132	188	22309	0.400	ng/ul	0.01
17) Chrysene-d12	21.324	240	13576	0.400	ng/ul	0.00
23) Perylene-d12	23.584	264	13569	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	2914	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	9635	0.383	ng/ul	0.02
18) Fluoranthene-d10	19.159	212	20426	0.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	621m	0.085	ng/ul	
5) Naphthalene	10.561	128	3380	0.069	ng/ul#	92
7) 2-Methylnaphthalene	12.189	142	2059	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.404	142	2146	0.068	ng/ul	99
10) Acenaphthylene	14.094	152	3454	0.068	ng/ul	94
11) Acenaphthene	14.436	153	2546	0.070	ng/ul	98
12) Fluorene	15.445	166	2801	0.067	ng/ul#	99
14) Pentachlorophenol	16.790	266	337	0.063	ng/ul	95
15) Phenanthrene	17.174	178	4491	0.067	ng/ul#	95
16) Anthracene	17.275	178	3510m	0.056	ng/ul	
19) Fluoranthene	19.192	202	4787	0.072	ng/ul#	93
20) Pyrene	19.554	202	4889	0.072	ng/ul#	94
21) Benzo(a)anthracene	21.316	228	2949	0.057	ng/ul	97
22) Chrysene	21.360	228	4364	0.075	ng/ul	97
24) Benzo(b)fluoranthene	22.905	252	3376	0.065	ng/ul#	41
25) Benzo(k)fluoranthene	22.955	252	3977	0.071	ng/ul#	43
26) Benzo(a)pyrene	23.496	252	3208	0.068	ng/ul#	3
27) Indeno(1,2,3-cd)pyrene	25.914	276	3137	0.058	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.954	278	2694m	0.065	ng/ul	
29) Benzo(g,h,i)perylene	26.584	276	3132	0.066	ng/ul#	80

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

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