Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101823\
Data File : BM042352.D
Acq On : 18 Oct 2023 16:28
Operator : MA/JU
Sample : 02215-03
Misc : SFAM-SIM-SOIL- MDL- 01
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 18 16:59:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 14:30:27 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-03

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	3552	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	9434	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	3983	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	7656	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	3236	0.400	ng/ul	0.00
23) Perylene-d12	24.053	264	3121	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	2204	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4416	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	5895	0.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	584m	0.105	ng/ul	
5) Naphthalene	10.889	128	2057	0.068	ng/ul#	89
7) 2-Methylnaphthalene	12.495	142	1215	0.069	ng/ul	96
8) 1-Methylnaphthalene	12.709	142	1219	0.068	ng/ul	99
10) Acenaphthylene	14.384	152	1676	0.070	ng/ul#	90
11) Acenaphthene	14.717	153	1339	0.069	ng/ul	98
12) Fluorene	15.707	166	1441	0.067	ng/ul#	95
14) Pentachlorophenol	17.046	266	200	0.068	ng/ul	98
15) Phenanthrene	17.447	178	2303	0.069	ng/ul#	92
16) Anthracene	17.544	178	1829	0.065	ng/ul#	88
19) Fluoranthene	19.455	202	2399	0.067	ng/ul#	94
20) Pyrene	19.826	202	2453	0.067	ng/ul	97
21) Benzo(a)anthracene	21.571	228	1674	0.069	ng/ul	95
22) Chrysene	21.623	228	1852	0.075	ng/ul	95
24) Benzo(b)fluoranthene	23.292	252	1747	0.069	ng/ul	55
25) Benzo(k)fluoranthene	23.342	252	1708	0.071	ng/ul#	53
26) Benzo(a)pyrene	23.944	252	1472	0.073	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.652	276	1764	0.068	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.679	278	1252	0.067	ng/ul#	66
29) Benzo(g,h,i)perylene	27.461	276	1589	0.071	ng/ul#	81

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

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