Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052924\
Data File : BM045778.D
Acq On : 29 May 2024 12:19
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-SIM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 29 12:57:38 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-QT2-2024-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	7423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.255	136	22631	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.127	164	11682	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	23579	0.400	ng/ul	0.00
17) Chrysene-d12	21.061	240	15366	0.400	ng/ul	0.00
23) Perylene-d12	23.174	264	17154	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	3312	0.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	11306	0.361	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	19931	0.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	689m	0.074	ng/ul	
5) Naphthalene	10.304	128	4038	0.069	ng/ul#	95
7) 2-Methylnaphthalene	11.932	142	2474	0.067	ng/ul	99
8) 1-Methylnaphthalene	12.152	142	2467	0.064	ng/ul	99
10) Acenaphthylene	13.850	152	3521	0.065	ng/ul	95
11) Acenaphthene	14.192	153	2599	0.067	ng/ul	98
12) Fluorene	15.182	166	2872	0.066	ng/ul	98
14) Pentachlorophenol	16.576	266	91m	0.075	ng/ul	
15) Phenanthrene	16.913	178	4415	0.066	ng/ul	95
16) Anthracene	17.002	178	3824	0.062	ng/ul	92
19) Fluoranthene	18.928	202	4748	0.067	ng/ul#	93
20) Pyrene	19.295	202	4776	0.065	ng/ul	97
21) Benzo(a)anthracene	21.044	228	3602	0.061	ng/ul	94
22) Chrysene	21.096	228	3831m	0.062	ng/ul	
24) Benzo(b)fluoranthene	22.548	252	4041	0.064	ng/ul#	26
25) Benzo(k)fluoranthene	22.589	252	4181	0.067	ng/ul#	50
26) Benzo(a)pyrene	23.080	252	3552	0.067	ng/ul#	21
27) Indeno(1,2,3-cd)pyrene	25.249	276	4187	0.071	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.266	278	2900	0.067	ng/ul#	50
29) Benzo(g,h,i)perylene	25.876	276	4061	0.069	ng/ul#	73

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

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