Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010923\
Data File : BN023594.D
Acq On : 09 Jan 2023 13:56
Operator : CG/JU
Sample : N4239-03
Misc : SFAM-SIM-MDL-S-01-0.07NG
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 09 15:08:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 00:28:51 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-05

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	5008	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	14934	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	8253	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	18118	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	14792	0.400	ng/ul	0.00
23) Perylene-d12	23.963	264	11968	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2732	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7030	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	15478	0.357	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	380m	0.065	ng/ul	
5) Naphthalene	10.814	128	2529	0.059	ng/ul	94
7) 2-Methylnaphthalene	12.425	142	1534	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	1539	0.055	ng/ul	99
10) Acenaphthylene	14.320	152	1802	0.054	ng/ul#	92
11) Acenaphthene	14.663	153	1704	0.057	ng/ul	95
12) Fluorene	15.648	166	1900	0.056	ng/ul	98
14) Pentachlorophenol	17.000	266	438	0.075	ng/ul	98
15) Phenanthrene	17.389	178	3286	0.058	ng/ul	94
16) Anthracene	17.482	178	2485	0.051	ng/ul#	91
19) Fluoranthene	19.409	202	3789	0.068	ng/ul	98
20) Pyrene	19.772	202	3732	0.063	ng/ul	96
21) Benzo(a)anthracene	21.520	228	2967	0.054	ng/ul	96
22) Chrysene	21.575	228	3481	0.063	ng/ul	98
24) Benzo(b)fluoranthene	23.221	252	3547m	0.064	ng/ul	
25) Benzo(k)fluoranthene	23.267	252	3203	0.061	ng/ul#	69
26) Benzo(a)pyrene	23.855	252	2702	0.059	ng/ul#	36
27) Indeno(1,2,3-cd)pyrene	26.490	276	3381	0.059	ng/ul	94
28) Dibenzo(a,h)anthracene	26.510	278	2623	0.058	ng/ul#	77
29) Benzo(g,h,i)perylene	27.271	276	2862	0.063	ng/ul#	91

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

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