Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
Data File : BN023530.D
Acq On : 30 Dec 2022 13:34
Operator : CG/JU
Sample : N5388-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 21:55:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 21:52:41 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	5187	0.400	ng/ul	0.00
4) Naphthalene-d8	10.793	136	14777	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	7530	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	14857	0.400	ng/ul	0.00
17) Chrysene-d12	21.560	240	8041	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	5944	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	3117	0.553	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.383	152	7323	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.402	212	13203	0.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	552m	0.096	ng/ul	
5) Naphthalene	10.843	128	2648	0.061	ng/ul#	93
7) 2-Methylnaphthalene	12.454	142	1587	0.057	ng/ul	99
8) 1-Methylnaphthalene	12.674	142	1590	0.056	ng/ul	100
10) Acenaphthylene	14.345	152	1951	0.058	ng/ul#	94
11) Acenaphthene	14.687	153	1798	0.064	ng/ul	97
12) Fluorene	15.672	166	1872	0.059	ng/ul	99
14) Pentachlorophenol	17.023	266	249	0.060	ng/ul	98
15) Phenanthrene	17.411	178	2955	0.061	ng/ul#	93
16) Anthracene	17.504	178	2168	0.054	ng/ul#	91
19) Fluoranthene	19.430	202	3089	0.079	ng/ul#	95
20) Pyrene	19.792	202	2995	0.076	ng/ul	95
21) Benzo(a)anthracene	21.543	228	1833	0.059	ng/ul	94
22) Chrysene	21.595	228	2036	0.064	ng/ul	95
24) Benzo(b)fluoranthene	23.250	252	1967	0.064	ng/ul#	32
25) Benzo(k)fluoranthene	23.297	252	1572	0.054	ng/ul#	39
26) Benzo(a)pyrene	23.887	252	1441	0.059	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.540	276	1709	0.060	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.564	278	1225	0.056	ng/ul#	46
29) Benzo(g,h,i)perylene	27.325	276	1562	0.067	ng/ul#	77

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

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