Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101823\
Data File : BN028322.D
Acq On : 18 Oct 2023 13:48
Operator : MA/JU
Sample : 03573-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2023-06

Manual Integrations APPROVED

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

Quant Time: Oct 18 14:18:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 16:16:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.891	152	2090	0.400	ng/ul		0.00
4) Naphthalene-d8	10.724	136	6898	0.400	ng/ul	#	0.01
9) Acenaphthene-d10	14.546	164	3979	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.308	188	8661	0.400	ng/ul		0.00
17) Chrysene-d12	21.498	240	9246	0.400	ng/ul		0.00
23) Perylene-d12	23.945	264	10040	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.262	96	1194	0.455	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.319	152	3793	0.341	ng/ul		0.02
18) Fluoranthene-d10	19.334	212	10852	0.370	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.300	88	250m	0.090	ng/ul		
5) Naphthalene	10.779	128	1337	0.068	ng/ul	#	74
7) 2-Methylnaphthalene	12.396	142	778	0.063	ng/ul		97
8) 1-Methylnaphthalene	12.605	142	835	0.065	ng/ul		99
10) Acenaphthylene	14.282	152	1284	0.071	ng/ul	#	83
11) Acenaphthene	14.610	153	1025	0.071	ng/ul		97
12) Fluorene	15.614	166	1133	0.071	ng/ul	#	95
14) Pentachlorophenol	16.966	266	177	0.095	ng/ul	#	76
15) Phenanthrene	17.350	178	1869	0.072	ng/ul	#	87
16) Anthracene	17.455	178	1522	0.066	ng/ul	#	84
19) Fluoranthene	19.362	202	2335	0.066	ng/ul	#	90
20) Pyrene	19.733	202	2394	0.065	ng/ul	#	92
21) Benzo(a)anthracene	21.483	228	2270	0.067	ng/ul		93
22) Chrysene	21.536	228	2465	0.072	ng/ul		93
24) Benzo(b)fluoranthene	23.193	252	2687	0.072	ng/ul	#	60
25) Benzo(k)fluoranthene	23.240	252	2728	0.074	ng/ul	#	60
26) Benzo(a)pyrene	23.839	252	2355	0.074	ng/ul	#	49
27) Indeno(1,2,3-cd)pyrene	26.532	276	3143	0.082	ng/ul	#	48
28) Dibenzo(a,h)anthracene	26.545	278	2560	0.082	ng/ul	#	68
29) Benzo(g,h,i)perylene	27.333	276	2779	0.088	ng/ul	#	84

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

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