Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100225\
Data File : BN037987.D
Acq On : 02 Oct 2025 13:11
Operator : RC/JU
Sample : Q2899-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2025-05

Quant Time: Oct 02 14:17:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 09:41:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	9990	0.400	ng/ul	0.01
4) Naphthalene-d8	10.621	136	29918	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.473	164	16675	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	31994	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	21117	0.400	ng/ul	0.00
23) Perylene-d12	23.722	264	17466	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	6452	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	13671	0.324	ng/ul	0.01
18) Fluoranthene-d10	19.248	212	24241	0.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	899	0.081	ng/ul#	84
5) Naphthalene	10.671	128	6189	0.076	ng/ul	97
7) 2-Methylnaphthalene	12.288	142	4129	0.076	ng/ul	100
8) 1-Methylnaphthalene	12.508	142	3832	0.067	ng/ul	97
10) Acenaphthylene	14.190	152	5646	0.071	ng/ul	98
11) Acenaphthene	14.533	153	4306	0.074	ng/ul	99
12) Fluorene	15.523	166	4737	0.071	ng/ul	97
14) Pentachlorophenol	16.870	266	586	0.071	ng/ul	98
15) Phenanthrene	17.259	178	7749	0.075	ng/ul	98
16) Anthracene	17.352	178	6439	0.071	ng/ul	96
19) Fluoranthene	19.276	202	7900	0.089	ng/ul	97
20) Pyrene	19.638	202	7685	0.088	ng/ul	99
21) Benzo(a)anthracene	21.383	228	5962	0.078	ng/ul	99
22) Chrysene	21.436	228	6467	0.080	ng/ul	98
24) Benzo(b)fluoranthene	23.020	252	6034	0.079	ng/ul#	61
25) Benzo(k)fluoranthene	23.064	252	6082	0.080	ng/ul#	68
26) Benzo(a)pyrene	23.622	252	5172	0.082	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	26.092	276	6387	0.084	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.112	278	4836	0.082	ng/ul#	82
29) Benzo(g,h,i)perylene	26.816	276	4917	0.079	ng/ul	92

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

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