Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120225\
Data File : BN038255.D
Acq On : 02 Dec 2025 15:13
Operator : RC/JU
Sample : Q3688-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M-31SMSD

Quant Time: Dec 03 00:36:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 01 16:36:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.762	152	7837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.567	136	23944	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.427	164	11905	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.179	188	17150	0.400	ng/ul	-0.01
17) Chrysene-d12	21.371	240	11866	0.400	ng/ul	0.00
23) Perylene-d12	23.678	264	12141	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	3284	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	6696	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	15450	0.335	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	8524	0.962	ng/ul	94
5) Naphthalene	10.616	128	20665	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.238	142	13523	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.458	142	13104	0.284	ng/ul	100
10) Acenaphthylene	14.144	152	19399	0.347	ng/ul	99
11) Acenaphthene	14.491	153	13927	0.335	ng/ul	100
12) Fluorene	15.481	166	15067	0.338	ng/ul	99
14) Pentachlorophenol	16.833	266	3691	1.342	ng/ul	97
15) Phenanthrene	17.221	178	22587	0.420	ng/ul	100
16) Anthracene	17.314	178	19555	0.429	ng/ul	100
19) Fluoranthene	19.243	202	23593	0.372	ng/ul	98
20) Pyrene	19.605	202	24199	0.385	ng/ul	97
21) Benzo(a)anthracene	21.354	228	19837	0.500	ng/ul	99
22) Chrysene	21.407	228	21957	0.446	ng/ul	99
24) Benzo(b)fluoranthene	22.979	252	21635	0.455	ng/ul	98
25) Benzo(k)fluoranthene	23.026	252	22929	0.458	ng/ul	96
26) Benzo(a)pyrene	23.575	252	19996	0.466	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.028	276	26870	0.526	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.045	278	20630	0.575	ng/ul	95
29) Benzo(g,h,i)perylene	26.746	276	22595	0.470	ng/ul	100

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

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