Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061725\
Data File : BN037293.D
Acq On : 16 Jun 2025 17:23
Operator : RC/JU
Sample : SSTD0.481
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4213

Quant Time: Jun 17 14:57:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 17 14:57:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.574	152	938	0.400	ng/ul	0.00
4) Naphthalene-d8	10.349	136	2241	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.225	164	1630	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	3594	0.400	ng/ul	0.00
17) Chrysene-d12	21.176	240	3398	0.400	ng/ul	0.00
23) Perylene-d12	23.360	264	3658	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.072	96	404	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.955	152	1526	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.013	212	4482	0.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.106	88	424	0.387	ng/ul	100
5) Naphthalene	10.398	128	2389	0.405	ng/ul	100
7) 2-Methylnaphthalene	12.026	142	1730	0.409	ng/ul	100
8) 1-Methylnaphthalene	12.246	142	1760	0.406	ng/ul	100
10) Acenaphthylene	13.943	152	3039	0.413	ng/ul	100
11) Acenaphthene	14.290	153	2112	0.403	ng/ul	100
12) Fluorene	15.285	166	2606	0.413	ng/ul	100
14) Pentachlorophenol	16.636	266	510	0.383	ng/ul	100
15) Phenanthrene	17.016	178	4199	0.405	ng/ul	100
16) Anthracene	17.113	178	3786	0.406	ng/ul	100
19) Fluoranthene	19.041	202	5509	0.407	ng/ul	100
20) Pyrene	19.403	202	5641	0.408	ng/ul	100
21) Benzo(a)anthracene	21.159	228	4543	0.404	ng/ul	100
22) Chrysene	21.212	228	6014	0.405	ng/ul	100
24) Benzo(b)fluoranthene	22.708	252	4991	0.397	ng/ul	100
25) Benzo(k)fluoranthene	22.751	252	6076	0.404	ng/ul	100
26) Benzo(a)pyrene	23.266	252	5108	0.401	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.546	276	6222	0.400	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.566	278	4780	0.402	ng/ul	100
29) Benzo(g,h,i)perylene	26.213	276	5446	0.404	ng/ul	100

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

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