Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070325\
Data File : BM050350.D
Acq On : 03 Jul 2025 11:45
Operator : RC/JU
Sample : SSTD1.6064
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6003

Quant Time: Jul 03 12:51:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 11:38:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	8441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	21152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.493	164	10774	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	19234	0.400	ng/ul	0.00
17) Chrysene-d12	21.382	240	15861	0.400	ng/ul	0.00
23) Perylene-d12	23.677	264	14572	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	15174	1.546	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	46236	1.496	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	72033	1.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	16871	1.562	ng/ul	90
5) Naphthalene	10.716	128	93087	1.637	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	59933	1.657	ng/ul	100
8) 1-Methylnaphthalene	12.542	142	58995	1.599	ng/ul	100
10) Acenaphthylene	14.211	152	82523	1.693	ng/ul	99
11) Acenaphthene	14.553	153	59645	1.678	ng/ul	99
12) Fluorene	15.538	166	68062	1.734	ng/ul	99
14) Pentachlorophenol	16.871	266	7204	1.754	ng/ul	98
15) Phenanthrene	17.268	178	100811	1.713	ng/ul	99
16) Anthracene	17.356	178	90986	1.723	ng/ul	98
19) Fluoranthene	19.272	202	109449	1.647	ng/ul	100
20) Pyrene	19.634	202	108404	1.565	ng/ul	99
21) Benzo(a)anthracene	21.368	228	92000	1.592	ng/ul	100
22) Chrysene	21.420	228	100748	1.596	ng/ul	100
24) Benzo(b)fluoranthene	22.987	252	94471	1.736	ng/ul	94
25) Benzo(k)fluoranthene	23.031	252	107226	1.856	ng/ul#	93
26) Benzo(a)pyrene	23.577	252	83463	1.676	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.024	276	117797	1.677	ng/ul	99
28) Dibenzo(a,h)anthracene	26.040	278	93092	1.724	ng/ul	95
29) Benzo(g,h,i)perylene	26.735	276	100630	1.729	ng/ul	97

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

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