Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070325\
Data File : BM050347.D
Acq On : 03 Jul 2025 09:55
Operator : RC/JU
Sample : SSTD0.2061
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Quant Time: Jul 03 11:40:17 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	9542	0.400	ng/ul	0.00
4) Naphthalene-d8	10.662	136	23601	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.493	164	11121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	20393	0.400	ng/ul	0.00
17) Chrysene-d12	21.382	240	15400	0.400	ng/ul	0.00
23) Perylene-d12	23.674	264	15255	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	2313	0.208	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	6287	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	9232	0.189	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	2634	0.216	ng/ul	93
5) Naphthalene	10.711	128	13084	0.206	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	8010	0.198	ng/ul	99
8) 1-Methylnaphthalene	12.542	142	7943	0.193	ng/ul	100
10) Acenaphthylene	14.215	152	10435	0.207	ng/ul	98
11) Acenaphthene	14.558	153	7702	0.210	ng/ul	97
12) Fluorene	15.538	166	8224	0.203	ng/ul	96
14) Pentachlorophenol	16.875	266	830	0.191	ng/ul	98
15) Phenanthrene	17.268	178	12395	0.199	ng/ul	99
16) Anthracene	17.357	178	10851	0.194	ng/ul	99
19) Fluoranthene	19.272	202	12996	0.201	ng/ul	99
20) Pyrene	19.634	202	13312	0.198	ng/ul	99
21) Benzo(a)anthracene	21.368	228	10791	0.192	ng/ul	99
22) Chrysene	21.417	228	13508	0.220	ng/ul	99
24) Benzo(b)fluoranthene	22.984	252	13151	0.231	ng/ul	93
25) Benzo(k)fluoranthene	23.028	252	14913	0.247	ng/ul#	92
26) Benzo(a)pyrene	23.574	252	10852	0.208	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.020	276	15076	0.205	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.034	278	11435	0.202	ng/ul	92
29) Benzo(g,h,i)perylene	26.731	276	13490	0.221	ng/ul	98

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

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