Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121824\
Data File : BM049048.D
Acq On : 18 Dec 2024 14:23
Operator : RC/JU
Sample : SSTD1.634
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6017

Quant Time: Dec 18 15:05:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 14:06:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	5758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	17293	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.200	164	9860	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	20412	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	17480	0.400	ng/ul	0.00
23) Perylene-d12	23.309	264	19262	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	9922	1.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	35116	1.562	ng/ul	0.00
18) Fluoranthene-d10	18.982	212	76123	1.480	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.185	88	11241	1.420	ng/ul#	77
5) Naphthalene	10.374	128	64778	1.458	ng/ul	98
7) 2-Methylnaphthalene	12.002	142	41635	1.522	ng/ul	99
8) 1-Methylnaphthalene	12.222	142	42375	1.524	ng/ul	100
10) Acenaphthylene	13.918	152	61715	1.478	ng/ul	98
11) Acenaphthene	14.265	153	45297	1.448	ng/ul	99
12) Fluorene	15.255	166	51642	1.483	ng/ul	98
14) Pentachlorophenol	16.604	266	9352	2.053	ng/ul	95
15) Phenanthrene	16.988	178	81161	1.464	ng/ul	98
16) Anthracene	17.081	178	75872	1.520	ng/ul	99
19) Fluoranthene	19.010	202	97555	1.388	ng/ul	99
20) Pyrene	19.377	202	102547	1.355	ng/ul	98
21) Benzo(a)anthracene	21.132	228	94349	1.529	ng/ul	98
22) Chrysene	21.181	228	94580	1.375	ng/ul	99
24) Benzo(b)fluoranthene	22.666	252	95481	1.443	ng/ul	91
25) Benzo(k)fluoranthene	22.707	252	99675	1.331	ng/ul#	90
26) Benzo(a)pyrene	23.212	252	89463	1.450	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.447	276	126176	1.480	ng/ul	100
28) Dibenzo(a,h)anthracene	25.464	278	98076	1.473	ng/ul	95
29) Benzo(g,h,i)perylene	26.094	276	99871	1.441	ng/ul	98

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

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