Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043226.D
Acq On : 11 Dec 2023 15:12
Operator : MA/JU
Sample : SSTD1.682
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Quant Time: Dec 11 15:45:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 14:52:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	10614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	31287	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	17703	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	36395	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	23115	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	20670	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	20547	1.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	70875	1.694	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	128305	1.550	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	21678	1.296	ng/ul#	85
5) Naphthalene	10.867	128	148408	1.704	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	97173	1.880	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	97018	1.711	ng/ul	100
10) Acenaphthylene	14.352	152	158727	1.734	ng/ul	99
11) Acenaphthene	14.694	153	112794	1.644	ng/ul	99
12) Fluorene	15.675	166	130330	1.824	ng/ul	99
14) Pentachlorophenol	17.012	266	13728	1.443	ng/ul	99
15) Phenanthrene	17.409	178	196210	1.838	ng/ul	99
16) Anthracene	17.502	178	184293	1.845	ng/ul	99
19) Fluoranthene	19.417	202	205554	1.591	ng/ul	99
20) Pyrene	19.780	202	200035	1.474	ng/ul	96
21) Benzo(a)anthracene	21.518	228	167083	2.107	ng/ul	100
22) Chrysene	21.574	228	166172	1.251	ng/ul	100
24) Benzo(b)fluoranthene	23.217	252	152137	2.068	ng/ul	96
25) Benzo(k)fluoranthene	23.263	252	159178	1.671	ng/ul	97
26) Benzo(a)pyrene	23.845	252	128948	1.695	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.475	276	145716	1.468	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.502	278	117158	1.514	ng/ul	97
29) Benzo(g,h,i)perylene	27.240	276	119152	1.261	ng/ul	97

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

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