Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121322\
Data File : BM037986.D
Acq On : 13 Dec 2022 15:46
Operator : CG/JU
Sample : SSTD1.602
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Quant Time: Dec 14 01:17:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:15:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	2810	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	7685	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	4140	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	9049	0.400	ng/ul	0.00
17) Chrysene-d12	21.591	240	7377	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	6443	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	5618	1.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	17185	1.550	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	38377	1.529	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	5688	1.455	ng/ul#	70
5) Naphthalene	10.933	128	35764	1.489	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	21969	1.502	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	22656	1.511	ng/ul	100
10) Acenaphthylene	14.412	152	35548	1.713	ng/ul	99
11) Acenaphthene	14.754	153	25718	1.493	ng/ul	96
12) Fluorene	15.735	166	29940	1.569	ng/ul	98
14) Pentachlorophenol	17.075	266	5827	1.959	ng/ul	99
15) Phenanthrene	17.468	178	47891	1.460	ng/ul	98
16) Anthracene	17.561	178	46712	1.600	ng/ul	98
19) Fluoranthene	19.473	202	57534	1.406	ng/ul	99
20) Pyrene	19.836	202	58253	1.358	ng/ul	99
21) Benzo(a)anthracene	21.574	228	50146	1.401	ng/ul	99
22) Chrysene	21.629	228	50954	1.411	ng/ul	99
24) Benzo(b)fluoranthene	23.293	252	51088	1.513	ng/ul	93
25) Benzo(k)fluoranthene	23.342	252	50038	1.538	ng/ul#	92
26) Benzo(a)pyrene	23.939	252	43062	1.494	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.616	276	52279	1.388	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.636	278	40417	1.370	ng/ul	96
29) Benzo(g,h,i)perylene	27.414	276	42898	1.358	ng/ul	98

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

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