Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041566.D
Acq On : 29 Aug 2023 21:24
Operator : MA/JU
Sample : SSTD0.821
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Quant Time: Aug 30 01:42:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:40:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	5577	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	12540	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	4947	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	9045	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	2985	0.400	ng/ul	0.00
23) Perylene-d12	24.248	264	3260	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6412	0.925	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	11873	0.717	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	11733	0.960	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	6729	0.936	ng/ul#	89
5) Naphthalene	10.999	128	31450	0.784	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	17754	0.730	ng/ul	99
8) 1-Methylnaphthalene	12.814	142	17904	0.728	ng/ul	99
10) Acenaphthylene	14.481	152	27352	0.838	ng/ul	99
11) Acenaphthene	14.814	153	18723	0.816	ng/ul	98
12) Fluorene	15.799	166	20365	0.822	ng/ul	97
14) Pentachlorophenol	17.126	266	2653	0.713	ng/ul	99
15) Phenanthrene	17.548	178	30523	0.822	ng/ul	100
16) Anthracene	17.637	178	27389	0.804	ng/ul	99
19) Fluoranthene	19.557	202	31624	1.144	ng/ul	99
20) Pyrene	19.919	202	31124	1.112	ng/ul	97
21) Benzo(a)anthracene	21.673	228	21296	1.001	ng/ul	99
22) Chrysene	21.729	228	22912	1.088	ng/ul	99
24) Benzo(b)fluoranthene	23.453	252	24531	1.184	ng/ul	95
25) Benzo(k)fluoranthene	23.509	252	23637	1.166	ng/ul	95
26) Benzo(a)pyrene	24.134	252	21651	1.156	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.958	276	29158	1.158	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.998	278	19650	1.085	ng/ul	94
29) Benzo(g,h,i)perylene	27.803	276	24419	1.158	ng/ul	97

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

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