Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
Data File : BM041656.D
Acq On : 05 Sep 2023 17:03
Operator : MA/JU
Sample : SSTD0.225
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Quant Time: Sep 06 02:13:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:12:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	4597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	10185	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	3987	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	7862	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	2919	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	3134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1372	0.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	2526	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	2774	0.193	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	1466	0.203	ng/ul	92
5) Naphthalene	10.878	128	6598	0.203	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	3668	0.199	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	3717	0.199	ng/ul	100
10) Acenaphthylene	14.375	152	4873	0.175	ng/ul	98
11) Acenaphthene	14.712	153	3743	0.195	ng/ul	99
12) Fluorene	15.698	166	4208	0.202	ng/ul	98
14) Pentachlorophenol	17.025	266	581	0.192	ng/ul	98
15) Phenanthrene	17.443	178	6519	0.190	ng/ul	99
16) Anthracene	17.535	178	5570	0.187	ng/ul	97
19) Fluoranthene	19.450	202	6586	0.172	ng/ul	98
20) Pyrene	19.817	202	6648	0.173	ng/ul	97
21) Benzo(a)anthracene	21.556	228	4706	0.181	ng/ul	98
22) Chrysene	21.612	228	5081	0.182	ng/ul	99
24) Benzo(b)fluoranthene	23.254	252	5545	0.190	ng/ul	88
25) Benzo(k)fluoranthene	23.304	252	5315	0.192	ng/ul#	89
26) Benzo(a)pyrene	23.898	252	4447	0.171	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.532	276	6043	0.174	ng/ul	97
28) Dibenzo(a,h)anthracene	26.558	278	4221	0.181	ng/ul	95
29) Benzo(g,h,i)perylene	27.316	276	5439	0.187	ng/ul	95

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

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