Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045940.D
Acq On : 09 Jun 2024 06:50
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4121

Quant Time: Jun 10 01:32:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5463	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	17955	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9391	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	16961	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	12882	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	16574	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	2568	0.413	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.843	152	9432	0.365	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	14703	0.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.092	88	2869	0.403	ng/ul#	76
5) Naphthalene	10.292	128	18006	0.384	ng/ul	100
7) 2-Methylnaphthalene	11.920	142	10774	0.360	ng/ul	100
8) 1-Methylnaphthalene	12.134	142	11739	0.361	ng/ul	99
10) Acenaphthylene	13.835	152	16327	0.382	ng/ul	99
11) Acenaphthene	14.172	153	11905	0.379	ng/ul	99
12) Fluorene	15.172	166	12454	0.355	ng/ul	100
14) Pentachlorophenol	16.545	266	1154	0.364	ng/ul	92
15) Phenanthrene	16.899	178	17272	0.363	ng/ul	99
16) Anthracene	16.992	178	14086	0.347	ng/ul	100
19) Fluoranthene	18.917	202	19711	0.384	ng/ul	100
20) Pyrene	19.280	202	20324	0.379	ng/ul	99
21) Benzo(a)anthracene	21.032	228	17282	0.365	ng/ul	100
22) Chrysene	21.085	228	19851	0.386	ng/ul	99
24) Benzo(b)fluoranthene	22.531	252	20208	0.368	ng/ul	97
25) Benzo(k)fluoranthene	22.572	252	22660	0.375	ng/ul	98
26) Benzo(a)pyrene	23.063	252	20505	0.375	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.216	276	27265	0.386	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.229	278	21590	0.382	ng/ul	95
29) Benzo(g,h,i)perylene	25.843	276	23680	0.388	ng/ul	98

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

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