Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN032989.D
Acq On : 26 Jul 2024 09:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 10:51:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4282

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.537	152	2189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	8145	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.171	164	5845	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	13530	0.400	ng/ul	0.00
17) Chrysene-d12	21.160	240	12641	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	15455	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	1315	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	4956	0.373	ng/ul	0.02
18) Fluoranthene-d10	18.986	212	14314	0.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.098	88	1318	0.418	ng/ul#	81
5) Naphthalene	10.377	128	8709	0.416	ng/ul	99
7) 2-Methylnaphthalene	12.005	142	5527	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	6218	0.406	ng/ul	100
10) Acenaphthylene	13.902	152	10236	0.428	ng/ul	99
11) Acenaphthene	14.240	153	7989	0.444	ng/ul	100
12) Fluorene	15.253	166	8933	0.426	ng/ul	100
14) Pentachlorophenol	16.645	266	779	0.283	ng/ul	97
15) Phenanthrene	16.992	178	14239	0.392	ng/ul	99
16) Anthracene	17.101	178	12427	0.381	ng/ul	99
19) Fluoranthene	19.018	202	18024	0.433	ng/ul	100
20) Pyrene	19.386	202	18843	0.422	ng/ul	99
21) Benzo(a)anthracene	21.145	228	16271	0.377	ng/ul	99
22) Chrysene	21.198	228	21554	0.428	ng/ul	98
24) Benzo(b)fluoranthene	22.694	252	18655	0.413	ng/ul	95
25) Benzo(k)fluoranthene	22.735	252	22385m	0.414	ng/ul	
26) Benzo(a)pyrene	23.264	252	19819	0.466	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.560	276	22714	0.352	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.564	278	17790	0.347	ng/ul	98
29) Benzo(g,h,i)perylene	26.238	276	18909	0.368	ng/ul	97

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

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