Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024168.D
Acq On : 08 Mar 2023 14:58
Operator : CG/JU
Sample : SSTD1.680
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 00:50:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 00:47:00 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	9160	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	26444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.694	164	13901	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	27708	0.400	ng/ul	0.00
17) Chrysene-d12	21.630	240	20717	0.400	ng/ul	0.00
23) Perylene-d12	24.152	264	14785m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	15892	1.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	49715	1.202	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	90900	1.633	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	17010	1.635	ng/ul	90
5) Naphthalene	10.927	128	102590	1.418	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	63777	1.356	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	66275	1.376	ng/ul	100
10) Acenaphthylene	14.411	152	96667	1.818	ng/ul	99
11) Acenaphthene	14.754	153	71187	1.521	ng/ul	99
12) Fluorene	15.739	166	82037	1.450	ng/ul	99
14) Pentachlorophenol	17.080	266	13288	1.453	ng/ul#	73
15) Phenanthrene	17.477	178	127100	1.538	ng/ul	100
16) Anthracene	17.570	178	119674	1.731	ng/ul	99
19) Fluoranthene	19.487	202	138164	2.006	ng/ul	97
20) Pyrene	19.850	202	138909	1.948	ng/ul	97
21) Benzo(a)anthracene	21.609	228	106544	1.514	ng/ul	100
22) Chrysene	21.668	228	111062	1.499	ng/ul	99
24) Benzo(b)fluoranthene	23.375	252	97883	1.499	ng/ul	96
25) Benzo(k)fluoranthene	23.430	252	100490	1.574	ng/ul	97
26) Benzo(a)pyrene	24.030	252	81952	1.506	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.794	276	89456	1.172	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.817	278	68430	1.121	ng/ul	96
29) Benzo(g,h,i)perylene	27.609	276	76183	1.213	ng/ul	98

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

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