Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024405.D
Acq On : 20 Mar 2023 11:08
Operator : CG/JU
Sample : PB151451BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS451

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 02:14:23 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 : Tue Mar 21 02:12:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	8679	0.400	ng/ul		0.00
4) Naphthalene-d8	10.850	136	26909	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.670	164	12798	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.413	188	25290	0.400	ng/ul		0.00
17) Chrysene-d12	21.600	240	15954	0.400	ng/ul	#	0.00
23) Perylene-d12	24.103	264	11114m	0.400	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.397	96	5789	0.606	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.434	152	9457	0.296	ng/ul		0.00
18) Fluoranthene-d10	19.436	212	15014	0.354	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	14957	1.440	ng/ul		90
5) Naphthalene	10.900	128	21257	0.316	ng/ul		100
7) 2-Methylnaphthalene	12.506	142	12249	0.301	ng/ul		98
8) 1-Methylnaphthalene	12.726	142	12780	0.298	ng/ul		99
10) Acenaphthylene	14.393	152	16487	0.309	ng/ul		99
11) Acenaphthene	14.731	153	12887	0.313	ng/ul		98
12) Fluorene	15.716	166	13907	0.303	ng/ul		97
14) Pentachlorophenol	17.059	266	3138	0.447	ng/ul	#	73
15) Phenanthrene	17.456	178	22412	0.309	ng/ul		100
16) Anthracene	17.548	178	18487	0.291	ng/ul		99
19) Fluoranthene	19.469	202	22664	0.357	ng/ul		96
20) Pyrene	19.831	202	22320	0.346	ng/ul		95
21) Benzo(a)anthracene	21.586	228	15505	0.298	ng/ul		100
22) Chrysene	21.641	228	17674	0.321	ng/ul		100
24) Benzo(b)fluoranthene	23.334	252	14796	0.349	ng/ul		89
25) Benzo(k)fluoranthene	23.392	252	14913	0.339	ng/ul	#	89
26) Benzo(a)pyrene	23.989	252	11601	0.318	ng/ul	#	84
27) Indeno(1,2,3-cd)pyrene	26.723	276	12230	0.297	ng/ul	#	100
28) Dibenzo(a,h)anthracene	26.750	278	8923	0.285	ng/ul		93
29) Benzo(g,h,i)perylene	27.532	276	11440	0.321	ng/ul		95

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

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