Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026459.D
Acq On : 11 Jul 2023 12:50
Operator : MA/JU
Sample : 03477-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 02:11:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
HOA42MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	4129	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	14310	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	7653	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	12148	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	7919	0.400	ng/ul	0.00
23) Perylene-d12	23.970	264	7913	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3464m	0.745	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.321	152	5531	0.251	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	10206	0.339	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	317847	64.376	ng/ul#	79
5) Naphthalene	10.781	128	11886	0.290	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	6563	0.251	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	7380	0.273	ng/ul	100
10) Acenaphthylene	14.283	152	11070	0.309	ng/ul	99
11) Acenaphthene	14.626	153	8854	0.302	ng/ul	98
12) Fluorene	15.616	166	9044	0.269	ng/ul	97
14) Pentachlorophenol	16.979	266	2040	0.468	ng/ul	99
15) Phenanthrene	17.359	178	12879	0.321	ng/ul	98
16) Anthracene	17.452	178	12507	0.351	ng/ul	97
19) Fluoranthene	19.377	202	14486	0.342	ng/ul	98
20) Pyrene	19.740	202	15243	0.346	ng/ul	96
21) Benzo(a)anthracene	21.500	228	10279	0.315	ng/ul	98
22) Chrysene	21.552	228	11341	0.334	ng/ul	98
24) Benzo(b)fluoranthene	23.218	252	11412m	0.338	ng/ul	
25) Benzo(k)fluoranthene	23.265	252	12354	0.364	ng/ul#	90
26) Benzo(a)pyrene	23.864	252	9817	0.335	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.537	276	11639	0.363	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.551	278	8757	0.361	ng/ul#	88
29) Benzo(g,h,i)perylene	27.329	276	10610	0.372	ng/ul	98

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

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