Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028823.D
Acq On : 21 Nov 2023 22:40
Operator : MA/JU
Sample : PB156953BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS953

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 21 23:53:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	5761m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.484	136	16917m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.303	164	11625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.069	188	18738	0.400	ng/ul	0.00
17) Chrysene-d12	21.273	240	18018	0.400	ng/ul	0.00
23) Perylene-d12	23.547	264	16983	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	5027m	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.101	152	6931m	0.272	ng/ul	0.03
18) Fluoranthene-d10	19.099	212	22724	0.392	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	14739m	2.094	ng/ul	
5) Naphthalene	10.534	128	13400	0.283	ng/ul#	94
7) 2-Methylnaphthalene	12.173	142	7664m	0.245	ng/ul	
8) 1-Methylnaphthalene	12.349	142	8326	0.263	ng/ul	99
10) Acenaphthylene	14.030	152	18715	0.323	ng/ul	97
11) Acenaphthene	14.363	153	14741	0.345	ng/ul	98
12) Fluorene	15.376	166	13465	0.271	ng/ul	98
14) Pentachlorophenol	16.723	266	3735	0.831	ng/ul	100
15) Phenanthrene	17.107	178	21088	0.366	ng/ul	97
16) Anthracene	17.217	178	13543	0.257	ng/ul#	93
19) Fluoranthene	19.127	202	27734	0.362	ng/ul	99
20) Pyrene	19.490	202	31612	0.398	ng/ul	98
21) Benzo(a)anthracene	21.258	228	19340	0.271	ng/ul	98
22) Chrysene	21.311	228	24021	0.345	ng/ul	99
24) Benzo(b)fluoranthene	22.860	252	21528	0.338	ng/ul	89
25) Benzo(k)fluoranthene	22.903	252	26272	0.394	ng/ul#	92
26) Benzo(a)pyrene	23.447	252	21961	0.365	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.881	276	25022	0.375	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.911	278	18963	0.355	ng/ul	95
29) Benzo(g,h,i)perylene	26.589	276	21641	0.395	ng/ul	99

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

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