Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028652.D
Acq On : 16 Nov 2023 06:18
Operator : MA/JU
Sample : 05337-20MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 16 14:00:25 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 : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	5124m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.486	136	20244m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.322	164	15375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	27557	0.400	ng/ul	0.00
17) Chrysene-d12	21.290	240	27578	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	25439	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1870m	0.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.087	152	5891	0.193	ng/ul	0.02
18) Fluoranthene-d10	19.115	212	31980	0.360	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	10735m	1.715	ng/ul	
5) Naphthalene	10.530	128	13898	0.245	ng/ul#	95
7) 2-Methylnaphthalene	12.158	142	6284	0.168	ng/ul	98
8) 1-Methylnaphthalene	12.362	142	9901	0.261	ng/ul	99
10) Acenaphthylene	14.045	152	20773	0.271	ng/ul	97
11) Acenaphthene	14.387	153	16444	0.291	ng/ul	100
12) Fluorene	15.387	166	16510	0.251	ng/ul	99
14) Pentachlorophenol	16.733	266	6279	0.949	ng/ul	99
15) Phenanthrene	17.121	178	28865	0.341	ng/ul	98
16) Anthracene	17.222	178	19715	0.254	ng/ul	97
19) Fluoranthene	19.147	202	40935	0.349	ng/ul	100
20) Pyrene	19.510	202	45938	0.378	ng/ul	98
21) Benzo(a)anthracene	21.275	228	30856	0.283	ng/ul	98
22) Chrysene	21.325	228	35514	0.333	ng/ul	99
24) Benzo(b)fluoranthene	22.885	252	31309	0.328	ng/ul	92
25) Benzo(k)fluoranthene	22.932	252	37730	0.377	ng/ul	95
26) Benzo(a)pyrene	23.473	252	30200	0.335	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.924	276	33161	0.332	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.948	278	25821	0.323	ng/ul	96
29) Benzo(g,h,i)perylene	26.635	276	28771	0.351	ng/ul	97

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

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