Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028825.D
Acq On : 21 Nov 2023 23:52
Operator : MA/JU
Sample : PB156981BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 00:24:09 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

Instrument :
BNA_N
ClientSampleId :
SLCS981

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	4929m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.488	136	12699m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.301	164	8641	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.072	188	13161	0.400	ng/ul	0.01
17) Chrysene-d12	21.274	240	14049	0.400	ng/ul	# 0.00
23) Perylene-d12	23.545	264	13670	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4999m	0.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.111	152	6687m	0.350	ng/ul	0.04
18) Fluoranthene-d10	19.098	212	23615	0.522	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.137	88	15414m	2.560	ng/ul	
5) Naphthalene	10.543	128	13577	0.382	ng/ul	95
7) 2-Methylnaphthalene	12.182	142	7747m	0.330	ng/ul	
8) 1-Methylnaphthalene	12.347	142	8667	0.364	ng/ul	100
10) Acenaphthylene	14.028	152	20121	0.467	ng/ul	98
11) Acenaphthene	14.366	153	15873	0.500	ng/ul	99
12) Fluorene	15.375	166	14211	0.385	ng/ul	98
14) Pentachlorophenol	16.730	266	3853	1.220	ng/ul	99
15) Phenanthrene	17.106	178	22343	0.553	ng/ul	96
16) Anthracene	17.224	178	13838	0.373	ng/ul	95
19) Fluoranthene	19.126	202	29870	0.500	ng/ul	99
20) Pyrene	19.493	202	34156	0.552	ng/ul	98
21) Benzo(a)anthracene	21.259	228	20649	0.372	ng/ul	99
22) Chrysene	21.309	228	26374	0.486	ng/ul	100
24) Benzo(b)fluoranthene	22.855	252	23711	0.462	ng/ul	90
25) Benzo(k)fluoranthene	22.902	252	29625	0.551	ng/ul	94
26) Benzo(a)pyrene	23.446	252	24925	0.515	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.879	276	28447	0.529	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.903	278	21583	0.502	ng/ul	94
29) Benzo(g,h,i)perylene	26.580	276	25210	0.572	ng/ul	98

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

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