Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035701.D
Acq On : 19 Dec 2024 12:05
Operator : RC/JU
Sample : P5258-06MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Dec 19 12:34:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E28X0MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3378	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8702	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6283	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	13023	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	11484	0.400	ng/ul	-0.01
23) Perylene-d12	23.039	264	12598	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	1978	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	5825	0.470	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	13300	0.396	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.985	88	5416	1.791	ng/ul#	71
5) Naphthalene	10.070	128	14284m	0.669	ng/ul	
7) 2-Methylnaphthalene	11.697	142	9288	0.646	ng/ul	100
8) 1-Methylnaphthalene	11.923	142	9380	0.630	ng/ul	100
10) Acenaphthylene	13.648	152	14179	0.582	ng/ul	99
11) Acenaphthene	14.000	153	13492	0.733	ng/ul	99
12) Fluorene	15.004	166	16379	0.765	ng/ul	99
14) Pentachlorophenol	16.367	266	2038	0.610	ng/ul	98
15) Phenanthrene	16.747	178	152065	4.666	ng/ul	98
16) Anthracene	16.840	178	39634	1.301	ng/ul	98
19) Fluoranthene	18.791	202	241480	5.880	ng/ul	98
20) Pyrene	19.158	202	204305	4.515	ng/ul	99
21) Benzo(a)anthracene	20.938	228	109102	2.864	ng/ul	99
22) Chrysene	20.991	228	107990	2.733	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	130497m	3.515	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	60556m	1.475	ng/ul	
26) Benzo(a)pyrene	22.948	252	97466	2.711	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.061	276	77913m	1.780	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	30767	0.920	ng/ul#	90
29) Benzo(g,h,i)perylene	25.678	276	77196	2.198	ng/ul#	92

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

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