

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025994.D
 Acq On : 24 Jun 2023 07:46
 Operator : MA/JU
 Sample : 03085-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:47:54 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	8338	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	26600	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	16265	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	35685	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	21303	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	20583	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	9687	1.032	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	2857	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	6323	0.078	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	84194	1.104	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	20816	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	14029	0.279	ng/ul	100
10) Acenaphthylene	14.334	152	48311	0.634	ng/ul	99
11) Acenaphthene	14.676	153	83324	1.337	ng/ul	98
12) Fluorene	15.662	166	120708	1.690	ng/ul	98
15) Phenanthrene	17.402	178	2164001	18.359	ng/ul	99
16) Anthracene	17.490	178	497687	4.750	ng/ul	100
19) Fluoranthene	19.414	202	3542313	31.132	ng/ul	98
20) Pyrene	19.777	202	2719632	22.980	ng/ul	97
21) Benzo(a)anthracene	21.529	228	1177532	13.399	ng/ul	99
22) Chrysene	21.581	228	1084501	11.860	ng/ul	97
24) Benzo(b)fluoranthene	23.259	252	1224132m	13.934	ng/ul	
25) Benzo(k)fluoranthene	23.300	252	418906m	4.749	ng/ul	
26) Benzo(a)pyrene	23.908	252	760257	9.964	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.594	276	533220	6.398	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.598	278	129184	2.048	ng/ul	92
29) Benzo(g,h,i)perylene	27.393	276	476287	6.424	ng/ul	94

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

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