

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071924\  
 Data File : BN032845.D  
 Acq On : 19 Jul 2024 17:36  
 Operator : MA/JU  
 Sample : P3178-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 A4BS9

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Yogesh Patel 07/20/2024  
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 18:41:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 17 02:35:25 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Dichlorobenzene-d4	7.531	152	3797	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	11785	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.183	164	6274	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	11332m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	9509m	0.400	ng/ul	-0.01
23) Perylene-d12	23.356	264	10414m	0.400	ng/ul	-0.01
<b>System Monitoring Compounds</b>						
3) 1,4-Dioxane-d8	3.088	96	12793	2.806	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152	3461	0.194	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6211	0.200	ng/ul	-0.02
<b>Target Compounds</b>						
						Qvalue
5) Naphthalene	10.349	128	1060	0.033	ng/ul#	77
7) 2-Methylnaphthalene	11.982	142	421	0.021	ng/ul	96
10) Acenaphthylene	13.901	152	2027	0.080	ng/ul#	83
11) Acenaphthene	14.244	153	731	0.035	ng/ul	95
12) Fluorene	15.243	166	1086	0.045	ng/ul#	94
15) Phenanthrene	16.986	178	11314m	0.367	ng/ul	
16) Anthracene	17.075	178	3437m	0.136	ng/ul	
19) Fluoranthene	19.017	202	23123	0.598	ng/ul	99
20) Pyrene	19.384	202	23889	0.597	ng/ul	99
21) Benzo(a)anthracene	21.147	228	13070	0.432	ng/ul#	86
22) Chrysene	21.200	228	10970	0.251	ng/ul#	84
24) Benzo(b)fluoranthene	22.699	252	15342m	0.418	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	6604m	0.147	ng/ul	
26) Benzo(a)pyrene	23.257	252	12097	0.380	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.569	276	8538	0.198	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.565	278	2045	0.061	ng/ul#	1
29) Benzo(g,h,i)perylene	26.246	276	9144	0.254	ng/ul#	73

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

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