

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
 Data File : BM046311.D  
 Acq On : 26 Jun 2024 03:38  
 Operator : MA/JU  
 Sample : P2844-07DL 5X  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 A4C85DL

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Yogesh Patel 06/26/2024  
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 05:03:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 26 03:24:28 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Dichlorobenzene-d4	7.409	152	2312	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	6650	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.062	164	4201	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.812	188	8661	0.400	ng/ul	-0.03
17) Chrysene-d12	21.011	240	7669	0.400	ng/ul	0.00
23) Perylene-d12	23.092	264	8813m	0.400	ng/ul	-0.01
<b>System Monitoring Compounds</b>						
3) 1,4-Dioxane-d8	3.025	96	1295	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	243	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.839	212	669	0.029	ng/ul	-0.02
<b>Target Compounds</b>						
						Qvalue
10) Acenaphthylene	13.785	152	638	0.032	ng/ul#	49
11) Acenaphthene	14.123	153	300	0.021	ng/ul#	89
12) Fluorene	15.127	166	394	0.026	ng/ul#	85
15) Phenanthrene	16.850	178	7813	0.321	ng/ul	100
16) Anthracene	16.947	178	1403	0.077	ng/ul#	78
19) Fluoranthene	18.872	202	16567	0.499	ng/ul	98
20) Pyrene	19.230	202	12603	0.351	ng/ul	99
21) Benzo(a)anthracene	20.997	228	7073	0.239	ng/ul	94
22) Chrysene	21.046	228	7340	0.194	ng/ul	96
24) Benzo(b)fluoranthene	22.484	252	10465m	0.330	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	4708m	0.125	ng/ul	
26) Benzo(a)pyrene	23.001	252	4245	0.144	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.148	276	4796	0.100	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.145	278	1087m	0.030	ng/ul	

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

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