

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045916.D
 Acq On : 08 Jun 2024 15:03
 Operator : MA/JU
 Sample : P2640-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C33

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6616	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	22793	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	12445	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.849	188	27885m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	16846m	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	16176m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	26108	3.465	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7301	0.223	ng/ul	-0.01
18) Fluoranthene-d10	18.880	212	15924	0.316	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.281	128	7781	0.131	ng/ul	96
7) 2-Methylnaphthalene	11.914	142	2950	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	2356	0.057	ng/ul	98
10) Acenaphthylene	13.825	152	13967	0.247	ng/ul	99
11) Acenaphthene	14.172	153	8997	0.216	ng/ul	99
12) Fluorene	15.158	166	10299	0.222	ng/ul	99
15) Phenanthrene	16.891	178	241130m	3.080	ng/ul	
16) Anthracene	16.980	178	44770m	0.670	ng/ul	
19) Fluoranthene	18.913	202	529686	7.885	ng/ul	97
20) Pyrene	19.275	202	379136	5.410	ng/ul	96
21) Benzo(a)anthracene	21.026	228	190192	3.076	ng/ul	98
22) Chrysene	21.079	228	212910	3.163	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	257518m	4.800	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	81205m	1.377	ng/ul	
26) Benzo(a)pyrene	23.057	252	106786	2.001	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.209	276	98851	1.433	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.212	278	28033	0.508	ng/ul#	91
29) Benzo(g,h,i)perylene	25.846	276	16723	0.281	ng/ul#	87

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

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