

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045574.D
 Acq On : 25 Apr 2024 22:10
 Operator : MA/JU
 Sample : P2037-23RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX8RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 23:14:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	904	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2447	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.196	164	1676	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.963	188	3880m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240	8608m	0.400	ng/ul	0.00
23) Perylene-d12	23.403	264	11389m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4798	3.960	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.909	152	1175	0.364	ng/ul	-0.02
18) Fluoranthene-d10	19.010	212	6075m	0.224	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.358	128	2024	0.308	ng/ul	97
7) 2-Methylnaphthalene	11.986	142	1460	0.389	ng/ul	97
8) 1-Methylnaphthalene	12.206	142	1665	0.396	ng/ul	99
10) Acenaphthylene	13.909	152	2238	0.271	ng/ul#	1
11) Acenaphthene	14.261	153	564	0.092	ng/ul#	69
15) Phenanthrene	17.001	178	27514m	2.435	ng/ul	
19) Fluoranthene	19.043	202	62015m	1.561	ng/ul	
20) Pyrene	19.410	202	83707	2.050	ng/ul	98
21) Benzo(a)anthracene	21.176	228	28750m	1.045	ng/ul	
22) Chrysene	21.225	228	56413m	1.333	ng/ul	
24) Benzo(b)fluoranthene	22.745	252	69635m	1.818	ng/ul	
25) Benzo(k)fluoranthene	22.783	252	25086m	0.518	ng/ul	
26) Benzo(a)pyrene	23.306	252	32543m	0.819	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.612	276	22664	0.392	ng/ul#	59
29) Benzo(g,h,i)perylene	26.289	276	20779	0.400	ng/ul#	1

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

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