

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045569.D
 Acq On : 25 Apr 2024 19:05
 Operator : MA/JU
 Sample : P2037-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY4

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 22:53:12 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	852	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2295	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1221	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2542m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.178	240	2096	0.400	ng/ul	#-0.01
23) Perylene-d12	23.367	264	3170	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3196	2.799	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.914	152	629	0.208	ng/ul	-0.02
18) Fluoranthene-d10	19.005	212	1082	0.164	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	3823	0.620	ng/ul#	90
7) 2-Methylnaphthalene	11.991	142	1754	0.498	ng/ul	96
8) 1-Methylnaphthalene	12.211	142	1133	0.287	ng/ul	100
10) Acenaphthylene	13.918	152	1131	0.188	ng/ul#	86
11) Acenaphthene	14.260	153	353	0.079	ng/ul#	92
12) Fluorene	15.255	166	222	0.046	ng/ul#	78
15) Phenanthrene	17.001	178	17859	2.412	ng/ul	94
16) Anthracene	17.094	178	1896m	0.274	ng/ul	
19) Fluoranthene	19.033	202	19990	2.067	ng/ul#	90
20) Pyrene	19.396	202	16522	1.662	ng/ul	94
21) Benzo(a)anthracene	21.164	228	9623	1.436	ng/ul	98
22) Chrysene	21.216	228	11793m	1.145	ng/ul	
24) Benzo(b)fluoranthene	22.712	252	21313m	1.999	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	6774m	0.503	ng/ul	
26) Benzo(a)pyrene	23.268	252	15011	1.357	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.548	276	14985	0.932	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.558	278	3634	0.285	ng/ul#	82
29) Benzo(g,h,i)perylene	26.215	276	16185	1.121	ng/ul	94

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

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