

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045555.D
 Acq On : 25 Apr 2024 08:57
 Operator : MA/JU
 Sample : P2104-21
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAL8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 09:27:59 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	994	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2674	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1441	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	3135m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.179	240	2478m	0.400	ng/ul	-0.01
23) Perylene-d12	23.365	264	3681	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4702	3.529	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	829	0.235	ng/ul	-0.01
18) Fluoranthene-d10	19.001	212	1822	0.234	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	4547	0.633	ng/ul#	90
7) 2-Methylnaphthalene	11.991	142	2911	0.710	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	1543	0.335	ng/ul	97
10) Acenaphthylene	13.918	152	16266	2.289	ng/ul#	94
11) Acenaphthene	14.261	153	4836	0.916	ng/ul	97
12) Fluorene	15.260	166	13030	2.308	ng/ul	99
15) Phenanthrene	17.001	178	145387m	15.924	ng/ul	
16) Anthracene	17.094	178	43415m	5.082	ng/ul	
19) Fluoranthene	19.034	202	216509m	18.933	ng/ul	
20) Pyrene	19.401	202	189411	16.114	ng/ul#	91
21) Benzo(a)anthracene	21.161	228	147533m	18.626	ng/ul	
22) Chrysene	21.217	228	142092	11.667	ng/ul	98
24) Benzo(b)fluoranthene	22.716	252	206248	16.657	ng/ul	84
25) Benzo(k)fluoranthene	22.757	252	68930m	4.406	ng/ul	
26) Benzo(a)pyrene	23.271	252	127486	9.927	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.545	276	93639	5.017	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.551	278	27343m	1.847	ng/ul	
29) Benzo(g,h,i)perylene	26.212	276	74260	4.428	ng/ul#	92

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

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