

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045563.D
 Acq On : 25 Apr 2024 14:29
 Operator : MA/JU
 Sample : P2104-21DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL8DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 15:08:37 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	7.551	152	819	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	2244	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.200	164	1172	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2370	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.181	240	2114	0.400	ng/ul	-0.01
23) Perylene-d12	23.370	264	2934	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	941	0.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	162	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	318	0.048	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.369	128	862	0.143	ng/ul#	93
7) 2-Methylnaphthalene	12.019	142	523	0.152	ng/ul	97
8) 1-Methylnaphthalene	12.228	142	283	0.073	ng/ul	93
10) Acenaphthylene	13.923	152	2869	0.496	ng/ul	98
11) Acenaphthene	14.265	153	876	0.204	ng/ul	95
12) Fluorene	15.264	166	2373	0.517	ng/ul	99
15) Phenanthrene	17.005	178	25795	3.737	ng/ul	93
16) Anthracene	17.098	178	8518	1.319	ng/ul	94
19) Fluoranthene	19.034	202	38167	3.912	ng/ul#	89
20) Pyrene	19.401	202	34062	3.397	ng/ul#	91
21) Benzo(a)anthracene	21.164	228	25652	3.796	ng/ul	95
22) Chrysene	21.216	228	26310	2.532	ng/ul	98
24) Benzo(b)fluoranthene	22.718	252	35833m	3.631	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	14133m	1.133	ng/ul	
26) Benzo(a)pyrene	23.274	252	23774	2.323	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.551	276	17240	1.159	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.558	278	4803	0.407	ng/ul	98
29) Benzo(g,h,i)perylene	26.219	276	13751	1.029	ng/ul	95

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

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