

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043170.D
 Acq On : 04 Dec 2023 11:10
 Operator : MA/JU
 Sample : 05459-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 04 11:50:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	800	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.628	136	2284	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.451	164	1401	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	2789	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	1957	0.400	ng/ul	# 0.00
23) Perylene-d12	23.750	264	1780m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	537	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	166m	0.054	ng/ul	0.04
18) Fluoranthene-d10	19.239	212	436	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.678	128	285	0.046	ng/ul#	44
7) 2-Methylnaphthalene	12.328	142	134	0.037	ng/ul	96
8) 1-Methylnaphthalene	12.531	142	105	0.026	ng/ul	99
15) Phenanthrene	17.255	178	1613	0.203	ng/ul	97
16) Anthracene	17.348	178	952m	0.126	ng/ul	
19) Fluoranthene	19.267	202	7900	0.712	ng/ul#	93
20) Pyrene	19.629	202	7352	0.623	ng/ul#	95
21) Benzo(a)anthracene	21.391	228	4515	0.711	ng/ul	98
22) Chrysene	21.441	228	5023	0.425	ng/ul	98
24) Benzo(b)fluoranthene	23.028	252	5695	0.948	ng/ul	89
25) Benzo(k)fluoranthene	23.071	252	3203m	0.387	ng/ul	
26) Benzo(a)pyrene	23.645	252	3465	0.529	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.215	276	3023	0.341	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.235	278	689	0.100	ng/ul#	54
29) Benzo(g,h,i)perylene	26.979	276	2903	0.336	ng/ul	97

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

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