

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045384.D
 Acq On : 19 Apr 2024 09:34
 Operator : MA/JU
 Sample : P2036-14MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCSY4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 11:04:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 22:19:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	709	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.380	136	2051	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.228	164	1066	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.001	188	2350	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.208	240	2234	0.400	ng/ul	#-0.01
23) Perylene-d12	23.417	264	1478	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	236	0.253	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.980	152	1001	0.360	ng/ul	-0.02
18) Fluoranthene-d10	19.034	212	2762	0.489	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	9444	10.578	ng/ul#	79
5) Naphthalene	10.429	128	2266	0.416	ng/ul#	90
7) 2-Methylnaphthalene	12.052	142	1358	0.418	ng/ul	94
8) 1-Methylnaphthalene	12.261	142	1387	0.391	ng/ul	92
10) Acenaphthylene	13.955	152	1841	0.346	ng/ul	93
11) Acenaphthene	14.293	153	1651	0.434	ng/ul	99
12) Fluorene	15.301	166	1978	0.463	ng/ul	95
14) Pentachlorophenol	16.659	266	512	0.929	ng/ul	96
15) Phenanthrene	17.043	178	3373	0.510	ng/ul	98
16) Anthracene	17.157	178	262m	0.040	ng/ul	
19) Fluoranthene	19.061	202	4370	0.547	ng/ul#	95
20) Pyrene	19.429	202	4500	0.534	ng/ul	97
21) Benzo(a)anthracene	21.199	228	2351	0.302	ng/ul	95
22) Chrysene	21.246	228	5054	0.521	ng/ul	97
24) Benzo(b)fluoranthene	22.753	252	5229	0.980	ng/ul	95
25) Benzo(k)fluoranthene	22.800	252	6191	1.036	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.615	276	7254	1.038	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.632	278	5582	1.009	ng/ul#	93
29) Benzo(g,h,i)perylene	26.286	276	6100	1.013	ng/ul	95

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

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