

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033458.D
 Acq On : 15 Dec 2021 02:36
 Operator : CG/JU
 Sample : M4985-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW5Q0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 15 03:58:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 01:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	805	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.684	136	2082	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.519	164	1492	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.257	188	3813m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.422	240	4271	0.400	ng/ul	-0.01
23) Perylene-d12	23.735	264	3752	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	2313	3.546	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.281	152	977	0.371	ng/ul	-0.02
18) Fluoranthene-d10	19.277	212	5078	0.546	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	594	0.697	ng/ul	93
5) Naphthalene	10.738	128	473	0.062	ng/ul#	74
7) 2-Methylnaphthalene	12.353	142	141	0.032	ng/ul	96
8) 1-Methylnaphthalene	12.569	142	169	0.038	ng/ul	99
10) Acenaphthylene	14.238	152	1674	0.201	ng/ul	100
11) Acenaphthene	14.580	153	175	0.027	ng/ul	89
12) Fluorene	15.562	166	707	0.101	ng/ul#	98
15) Phenanthrene	17.295	178	7618	0.612	ng/ul	98
16) Anthracene	17.389	178	2510	0.228	ng/ul	97
19) Fluoranthene	19.308	202	9584	0.853	ng/ul	97
20) Pyrene	19.666	202	8978	0.725	ng/ul#	89
21) Benzo(a)anthracene	21.407	228	3355	0.353	ng/ul	94
22) Chrysene	21.458	228	2689	0.227	ng/ul	97
24) Benzo(b)fluoranthene	23.037	252	3191m	0.320	ng/ul	
25) Benzo(k)fluoranthene	23.078	252	1076m	0.094	ng/ul	
26) Benzo(a)pyrene	23.628	252	2613	0.272	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.100	276	1325	0.123	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.104	278	268	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	26.824	276	1322	0.137	ng/ul#	81

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

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