

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
 Data File : BM046046.D  
 Acq On : 18 Jun 2024 12:06  
 Operator : MA/JU  
 Sample : SSTD0.854  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.8018

Quant Time: Jun 18 13:02:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 18 12:39:16 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	2305	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	6772	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.103	164	3573	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	7173	0.400	ng/ul	0.00
17) Chrysene-d12	21.041	240	5920	0.400	ng/ul	0.00
23) Perylene-d12	23.142	264	7837	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	2480	0.883	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.848	152	7448	0.768	ng/ul	-0.02
18) Fluoranthene-d10	18.884	212	14562	0.807	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	2687	0.826	ng/ul	86
5) Naphthalene	10.286	128	14929	0.825	ng/ul	94
7) 2-Methylnaphthalene	11.919	142	8698	0.772	ng/ul	98
8) 1-Methylnaphthalene	12.134	142	9356	0.761	ng/ul	98
10) Acenaphthylene	13.825	152	13848	0.833	ng/ul	97
11) Acenaphthene	14.168	153	9946	0.816	ng/ul	99
12) Fluorene	15.167	166	10951	0.810	ng/ul	99
14) Pentachlorophenol	16.553	266	1625	1.060	ng/ul	98
15) Phenanthrene	16.899	178	16493	0.805	ng/ul	97
16) Anthracene	16.996	178	13384	0.789	ng/ul	96
19) Fluoranthene	18.912	202	20946	0.857	ng/ul	100
20) Pyrene	19.275	202	22473	0.873	ng/ul	98
21) Benzo(a)anthracene	21.026	228	18887	0.843	ng/ul	98
22) Chrysene	21.076	228	22394	0.891	ng/ul	99
24) Benzo(b)fluoranthene	22.519	252	22568	0.842	ng/ul	90
25) Benzo(k)fluoranthene	22.560	252	26716	0.893	ng/ul#	89
26) Benzo(a)pyrene	23.054	252	20643	0.781	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.202	276	32008	0.897	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.216	278	23864	0.850	ng/ul	93
29) Benzo(g,h,i)perylene	25.826	276	27224	0.888	ng/ul	96

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

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