

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045883.D
 Acq On : 07 Jun 2024 15:31
 Operator : MA/JU
 Sample : P2586-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C28

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 16:42:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 17:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6649	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	22539	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.113	164	12404	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	27193m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.049	240	20634m	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	23549m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	25581	3.378	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	7321	0.226	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	15570	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.287	128	6052	0.103	ng/ul#	95
7) 2-Methylnaphthalene	11.915	142	2348	0.063	ng/ul	98
8) 1-Methylnaphthalene	12.135	142	1802	0.044	ng/ul	99
10) Acenaphthylene	13.831	152	5083	0.090	ng/ul	96
11) Acenaphthene	14.173	153	5763	0.139	ng/ul	99
12) Fluorene	15.168	166	6530	0.141	ng/ul	96
14) Pentachlorophenol	16.537	266	131	0.026	ng/ul	97
15) Phenanthrene	16.896	178	182656m	2.392	ng/ul	
16) Anthracene	16.985	178	37813m	0.581	ng/ul	
19) Fluoranthene	18.918	202	468610	5.695	ng/ul	97
20) Pyrene	19.281	202	378528	4.410	ng/ul	98
21) Benzo(a)anthracene	21.032	228	276325	3.648	ng/ul	99
22) Chrysene	21.087	228	271445	3.292	ng/ul	98
24) Benzo(b)fluoranthene	22.539	252	422615m	5.411	ng/ul	
25) Benzo(k)fluoranthene	22.574	252	147948m	1.724	ng/ul	
26) Benzo(a)pyrene	23.068	252	273113	3.516	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.232	276	213366	2.124	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.232	278	60062	0.748	ng/ul	95
29) Benzo(g,h,i)perylene	25.862	276	225061	2.598	ng/ul	95

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

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