

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031618\
 Data File : BM014627.D
 Acq On : 17 Mar 2018 04:10
 Operator : SJ/JU
 Sample : J1918-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE8K7

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:25:57 PM

Quant Time: Mar 17 05:45:35 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 17 03:22:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	84514	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	306752	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	148862	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	273280	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	267740	20.00	ng/ul	0.00
23) Perylene-d12	23.29	264	284587m	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.90	165	55807	11.77	ng/ul	0.02
7) Acenaphthylene-d8	13.81	160	238596	15.00	ng/ul	0.00
10) Fluorene-d10	15.13	176	147658	14.17	ng/ul	0.00
15) Anthracene-d10	16.99	188	210697	16.10	ng/ul	0.00
19) Pyrene-d10	19.30	212	203270	12.63	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.15	264	199188	14.47	ng/ul	0.01
Target Compounds						
					Qvalue	
4) Naphthalene	10.27	128	28288	1.816	ng/ul#	92
5) 2-Methylnaphthalene	11.90	142	44059m	4.041	ng/ul	
8) Acenaphthylene	13.84	152	126976	8.599	ng/ul	95
14) Phenanthrene	16.93	178	53469	3.494	ng/ul	94
16) Anthracene	17.03	178	254018	16.604	ng/ul	97
17) Fluoranthene	18.97	202	130906	7.535	ng/ul#	99
20) Pyrene	19.33	202	292291	14.516	ng/ul#	96
21) Benzo(a)anthracene	21.10	228	216254m	12.772	ng/ul	
22) Chrysene	21.15	228	247480	15.897	ng/ul	96
24) Benzo(b)fluoranthene	22.64	252	1080923m	60.413	ng/ul	
25) Benzo(k)fluoranthene	22.68	252	219792m	12.930	ng/ul	
27) Benzo(a)pyrene	23.20	252	532371	31.347	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	25.46	276	477175m	24.412	ng/ul	
29) Dibenzo(a,h)anthracene	25.44	278	160382m	9.803	ng/ul	
30) Benzo(g,h,i)perylene	26.11	276	555120m	35.653	ng/ul	

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

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