

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
 Data File : BM014600.D
 Acq On : 16 Mar 2018 05:28
 Operator : SJ/JU
 Sample : J1904-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 BEL44

Manual Integrations
APPROVED
 Sohil
 3/16/2018 5:10:15 PM

Quant Time: Mar 16 16:34:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:09:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	145367	20.00	ng/ul	0.00
2) Naphthalene-d8	10.23	136	593526	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	281379	20.00	ng/ul	0.01
12) Phenanthrene-d10	16.90	188	467773	20.00	ng/ul	0.01
18) Chrysene-d12	21.13	240	464571	20.00	ng/ul	0.01
23) Perylene-d12	23.31	264	480210	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	220743	24.06	ng/ul	0.00
7) Acenaphthylene-d8	13.82	160	750058	24.94	ng/ul	0.01
10) Fluorene-d10	15.14	176	476672	24.20	ng/ul	0.01
15) Anthracene-d10	17.00	188	598690	26.73	ng/ul	0.01
19) Pyrene-d10	19.32	212	572154	20.49	ng/ul	0.01
26) Benzo(a)pyrene-d12	23.17	264	602379	25.93	ng/ul	0.04
Target Compounds						
9) Acenaphthene	14.19	153	43188	2.261	ng/ul#	88
11) Fluorene	15.20	166	35028	1.547	ng/ul	93
14) Phenanthrene	16.94	178	410706	15.678	ng/ul	99
16) Anthracene	17.04	178	124598	4.758	ng/ul	94
17) Fluoranthene	18.98	202	823804	27.704	ng/ul#	97
20) Pyrene	19.34	202	686280	19.642	ng/ul#	97
21) Benzo(a)anthracene	21.11	228	500765	17.045	ng/ul#	94
22) Chrysene	21.17	228	484045	17.919	ng/ul#	91
24) Benzo(b)fluoranthene	22.66	252	767535	25.423	ng/ul#	90
25) Benzo(k)fluoranthene	22.70	252	194059m	6.766	ng/ul	
27) Benzo(a)pyrene	23.21	252	540286	18.853	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.49	276	351099	10.645	ng/ul#	91
29) Dibenzo(a,h)anthracene	25.47	278	109167	3.954	ng/ul#	54
30) Benzo(g,h,i)perylene	26.16	276	324306	12.344	ng/ul#	85

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

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