

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
 Data File : BM014601.D
 Acq On : 16 Mar 2018 06:04
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02052

Manual Integrations
 APPROVED

Sohil
 3/16/2018 5:10:18 PM

Quant Time: Mar 16 16:39:08 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	130489	20.00	ng/ul	0.01
2) Naphthalene-d8	10.23	136	535496	20.00	ng/ul	0.01
6) Acenaphthene-d10	14.13	164	266983	20.00	ng/ul	0.01
12) Phenanthrene-d10	16.90	188	448013	20.00	ng/ul	0.01
18) Chrysene-d12	21.13	240	399482	20.00	ng/ul	0.02
23) Perylene-d12	23.30	264	381785	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.90	165	169906	20.53	ng/ul	0.01
7) Acenaphthylene-d8	13.83	160	554815	19.44	ng/ul	0.02
10) Fluorene-d10	15.14	176	334052	17.87	ng/ul	0.02
15) Anthracene-d10	17.00	188	401436	18.72	ng/ul	0.01
19) Pyrene-d10	19.32	212	369042	15.37	ng/ul	0.02
26) Benzo(a)pyrene-d12	23.17	264	373074m	20.20	ng/ul	0.03
Target Compounds						
					Qvalue	
4) Naphthalene	10.29	128	521421	19.172	ng/ul	99
5) 2-Methylnaphthalene	11.91	142	362303	19.038	ng/ul	97
8) Acenaphthylene	13.86	152	517951	19.557	ng/ul	100
9) Acenaphthene	14.20	153	342393	18.891	ng/ul	98
11) Fluorene	15.20	166	366862	17.081	ng/ul	98
13) Pentachlorophenol	16.59	266	30490	14.867	ng/ul	85
14) Phenanthrene	16.94	178	466836	18.606	ng/ul	98
16) Anthracene	17.04	178	480170	19.145	ng/ul	98
17) Fluoranthene	18.99	202	467715	16.423	ng/ul	99
20) Pyrene	19.35	202	460627	15.332	ng/ul	98
21) Benzo(a)anthracene	21.12	228	478338	18.935	ng/ul	100
22) Chrysene	21.17	228	444651	19.143	ng/ul	98
24) Benzo(b)fluoranthene	22.66	252	478174	19.921	ng/ul#	97
25) Benzo(k)fluoranthene	22.70	252	439641	19.279	ng/ul#	92
27) Benzo(a)pyrene	23.21	252	445746	19.564	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.47	276	506586	19.319	ng/ul#	91
29) Dibenzo(a,h)anthracene	25.47	278	426062	19.412	ng/ul#	92
30) Benzo(g,h,i)perylene	26.14	276	412894	19.767	ng/ul#	89

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

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