

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031518\
 Data File : BM014575.D
 Acq On : 15 Mar 2018 13:32
 Operator : SJ/JU
 Sample : SSTD04046
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04046

Manual Integrations
 APPROVED

Sohil
 3/16/2018 5:09:27 PM

Quant Time: Mar 16 15:05:06 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 14:35:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	76962	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	312849	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	178819	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	406631	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	351268	20.00	ng/ul	0.00
23) Perylene-d12	23.28	264	306009	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.87	165	208522	43.13	ng/ul	-0.01
7) Acenaphthylene-d8	13.82	160	780713	40.85	ng/ul	0.00
10) Fluorene-d10	15.13	176	515121	41.15	ng/ul	0.00
15) Anthracene-d10	16.99	188	794124	40.79	ng/ul	0.00
19) Pyrene-d10	19.30	212	833623	39.48	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	600466	40.44	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.27	128	658092	41.417	ng/ul	99
5) 2-Methylnaphthalene	11.90	142	468744	42.160	ng/ul	97
8) Acenaphthylene	13.84	152	724880	40.865	ng/ul	99
9) Acenaphthene	14.19	153	497861	41.012	ng/ul	99
11) Fluorene	15.19	166	597172	41.513	ng/ul	99
13) Pentachlorophenol	16.57	266	75681	40.659	ng/ul#	89
14) Phenanthrene	16.93	178	921996	40.487	ng/ul	99
16) Anthracene	17.03	178	928644	40.794	ng/ul	100
17) Fluoranthene	18.97	202	1049484	40.600	ng/ul#	96
20) Pyrene	19.33	202	1022164	38.692	ng/ul#	94
21) Benzo(a)anthracene	21.10	228	870405	39.184	ng/ul	99
22) Chrysene	21.15	228	805338	39.429	ng/ul	99
24) Benzo(b)fluoranthene	22.64	252	775761	40.212	ng/ul	97
25) Benzo(k)fluoranthene	22.68	252	744194m	40.401	ng/ul	
27) Benzo(a)pyrene	23.19	252	728299	39.882	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	25.43	276	866253	41.215	ng/ul	98
29) Dibenzo(a,h)anthracene	25.43	278	721637	41.021	ng/ul#	96
30) Benzo(g,h,i)perylene	26.09	276	688180	40.813	ng/ul	100

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

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