

Data Path : Z:\HPCHEM1\BNA_N\Data\BN041918\
 Data File : BN000772.D
 Acq On : 19 Apr 2018 12:54
 Operator : JU/SJ
 Sample : SSTD16053
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16053

Quant Time: Apr 19 13:25:25 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 19 12:31:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	152009	20.00	ng/ul	0.00
2) Naphthalene-d8	10.40	136	632649	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	308353	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	554631	20.00	ng/ul	0.00
18) Chrysene-d12	21.22	240	415380	20.00	ng/ul	0.00
23) Perylene-d12	23.41	264	449344	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.03	165	1431726	146.43	ng/ul	0.02
7) Acenaphthylene-d8	13.96	160	4368161	132.55	ng/ul	0.00
10) Fluorene-d10	15.27	176	2716453	125.83	ng/ul	0.01
15) Anthracene-d10	17.12	188	3647999	137.39	ng/ul	0.01
19) Pyrene-d10	19.42	212	3376227	135.22	ng/ul	0.01
26) Benzo(a)pyrene-d12	23.28	264	3418702	157.27	ng/ul	0.02
Target Compounds				Qvalue		
4) Naphthalene	10.45	128	4506093	140.238	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	2958538	131.586	ng/ul	96
8) Acenaphthylene	13.99	152	4075545	133.241	ng/ul	99
9) Acenaphthene	14.33	153	2838714	135.608	ng/ul	99
11) Fluorene	15.33	166	2711793	109.321	ng/ul	100
13) Pentachlorophenol	16.66	266	607370	239.229	ng/ul	97
14) Phenanthrene	17.06	178	4199182	135.190	ng/ul	98
16) Anthracene	17.15	178	4167142	134.209	ng/ul	97
17) Fluoranthene	19.08	202	4156336	117.885	ng/ul#	77
20) Pyrene	19.45	202	3997444	127.960	ng/ul#	72
21) Benzo(a)anthracene	21.20	228	3753766	142.904	ng/ul	98
22) Chrysene	21.26	228	3473018	143.794	ng/ul	98
24) Benzo(b)fluoranthene	22.76	252	4010917	141.977	ng/ul#	96
25) Benzo(k)fluoranthene	22.81	252	3688022	137.413	ng/ul#	94
27) Benzo(a)pyrene	23.33	252	3804087	141.864	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.62	276	4855840	157.338	ng/ul#	84
29) Dibenzo(a,h)anthracene	25.63	278	3962598	153.399	ng/ul#	90
30) Benzo(g,h,i)perylene	26.28	276	4097781	166.683	ng/ul#	87

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

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