

Data Path : Z:\HPCHEM1\BNA_N\Data\BN041918\
 Data File : BN000771.D
 Acq On : 19 Apr 2018 12:19
 Operator : JU/SJ
 Sample : SSTD08052
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD08052

Quant Time: Apr 19 13:09:57 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	170306	20.00	ng/ul	0.00
2) Naphthalene-d8	10.40	136	685969	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	334177	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	635294	20.00	ng/ul	0.00
18) Chrysene-d12	21.22	240	571604	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	620450	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.02	165	787167	74.25	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	2491775	69.77	ng/ul	0.00
10) Fluorene-d10	15.26	176	1561316	66.73	ng/ul	0.00
15) Anthracene-d10	17.11	188	2209840	72.66	ng/ul	0.00
19) Pyrene-d10	19.41	212	2198738	63.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	2353766	78.42	ng/ul	0.01
Target Compounds				Qvalue		
4) Naphthalene	10.45	128	2592980	74.426	ng/ul	100
5) 2-Methylnaphthalene	12.06	142	1695187	69.536	ng/ul	96
8) Acenaphthylene	13.98	152	2392060	72.160	ng/ul	99
9) Acenaphthene	14.33	153	1625612	71.656	ng/ul	99
11) Fluorene	15.32	166	1635036	60.820	ng/ul	99
13) Pentachlorophenol	16.66	266	335087	115.225	ng/ul	97
14) Phenanthrene	17.05	178	2549758	71.665	ng/ul	99
16) Anthracene	17.15	178	2568319	72.214	ng/ul	98
17) Fluoranthene	19.07	202	2695899	66.755	ng/ul#	75
20) Pyrene	19.44	202	2672250	62.161	ng/ul#	70
21) Benzo(a)anthracene	21.20	228	2604000	72.039	ng/ul	98
22) Chrysene	21.25	228	2411692	72.562	ng/ul	98
24) Benzo(b)fluoranthene	22.76	252	2830151	72.553	ng/ul#	95
25) Benzo(k)fluoranthene	22.80	252	2553863	68.913	ng/ul#	95
27) Benzo(a)pyrene	23.32	252	2654178	71.684	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	25.60	276	3316416	77.823	ng/ul#	83
29) Dibenzo(a,h)anthracene	25.61	278	2736311	76.715	ng/ul#	90
30) Benzo(g,h,i)perylene	26.26	276	2786124	82.076	ng/ul#	86

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

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