

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041918\
 Data File : BN000770.D
 Acq On : 19 Apr 2018 11:45
 Operator : JU/SJ
 Sample : SSTD04051
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD04051

Quant Time: Apr 19 12:39:56 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	131525	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	542877	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	278152	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	562871	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	547888	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	570878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.02	165	324585	38.69	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	1118237	37.62	ng/ul	0.00
10) Fluorene-d10	15.26	176	724785	37.22	ng/ul	0.00
15) Anthracene-d10	17.10	188	1058305	39.27	ng/ul	0.00
19) Pyrene-d10	19.41	212	1087239	33.01	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	1118362	40.50	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.45	128	1103401	40.018	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	735561	38.125	ng/ul	96
8) Acenaphthylene	13.97	152	1086520	39.378	ng/ul	99
9) Acenaphthene	14.32	153	735887	38.971	ng/ul	98
11) Fluorene	15.31	166	789235	35.271	ng/ul	99
13) Pentachlorophenol	16.66	266	144388	56.039	ng/ul	98
14) Phenanthrene	17.05	178	1221692	38.756	ng/ul	99
16) Anthracene	17.14	178	1252759	39.756	ng/ul	98
17) Fluoranthene	19.07	202	1327029	37.087	ng/ul#	72
20) Pyrene	19.44	202	1357090	32.935	ng/ul#	73
21) Benzo(a)anthracene	21.20	228	1314063	37.927	ng/ul	99
22) Chrysene	21.25	228	1222182	38.364	ng/ul	99
24) Benzo(b)fluoranthene	22.75	252	1350377	37.624	ng/ul#	95
25) Benzo(k)fluoranthene	22.80	252	1243754	36.476	ng/ul#	95
27) Benzo(a)pyrene	23.31	252	1290365	37.876	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	25.58	276	1527938	38.968	ng/ul#	84
29) Dibenzo(a,h)anthracene	25.60	278	1280378	39.014	ng/ul#	91
30) Benzo(g,h,i)perylene	26.24	276	1279195	40.956	ng/ul#	86

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

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