

Data Path : Z:\HPCHEM1\BNA B\DATA\BB030917\
 Data File : BB058701.D
 Acq On : 9 Mar 2017 10:40
 Operator : UM/SJ
 Sample : SSTD01086
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleId :

Quant Time: Mar 15 14:10:47 2017
 Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM-EPA-BB030917-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 14:09:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.88	152	331228	20.00	ng/ul	-0.01
2) Naphthalene-d8	6.15	136	1273610	20.00	ng/ul	-0.02
6) Acenaphthene-d10	8.02	164	1091240	20.00	ng/ul	-0.02
12) Phenanthrene-d10	9.63	188	2015887	20.00	ng/ul	-0.01
18) Chrysene-d12	12.76	240	1855754	20.00	ng/ul	-0.01
23) Perylene-d12	15.68	264	1662893	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	5.96	165	224475	9.25	ng/uL	-0.02
7) Acenaphthylene-d8	7.86	160	833105	9.80	ng/ul	-0.02
10) Fluorene-d10	8.57	176	662010	10.16	ng/ul	-0.01
15) Anthracene-d10	9.69	188	898506	10.02	ng/ul	-0.01
19) Pyrene-d10	11.19	212	878437	10.41	ng/ul	-0.01
26) Benzo(a)pyrene-d12	15.47	264	702407	9.44	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	6.17	128	623285	10.02	ng/ul#	84
5) 2-Methylnaphthalene	6.89	142	466343	10.04	ng/ul	98
8) Acenaphthylene	7.88	152	787702	9.93	ng/ul	99
9) Acenaphthene	8.05	153	534948	9.18	ng/ul	100
11) Fluorene	8.61	166	683801	9.47	ng/ul	98
13) Pentachlorophenol	9.41	266	132310	7.74	ng/uL	96
14) Phenanthrene	9.65	178	1043314	10.43	ng/ul	99
16) Anthracene	9.71	178	1041010	10.34	ng/ul	98
17) Fluoranthene	10.94	202	1120386	11.99	ng/ul#	85
20) Pyrene	11.20	202	1108680	10.74	ng/ul	99
21) Benzo(a)anthracene	12.74	228	1010097	10.37	ng/ul	99
22) Chrysene	12.80	228	893666	10.07	ng/ul	99
24) Benzo(b)fluoranthene	14.75	252	919958	9.04	ng/ul	99
25) Benzo(k)fluoranthene	14.81	252	898134	10.10	ng/ul#	96
27) Benzo(a)pyrene	15.53	252	880246	9.63	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	18.89	276	768271	9.19	ng/ul	96
29) Dibenzo(a,h)anthracene	18.91	278	644155	9.02	ng/ul	97
30) Benzo(g,h,i)perylene	19.88	276	621902	9.53	ng/ul	99

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

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