

Data Path : Z:\HPCHEM1\BNA_G\Data\BG111617\
 Data File : BG031044.D
 Acq On : 16 Nov 2017 14:59
 Operator : SJ/JU
 Sample : SSTD16059
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16059

Quant Time: Nov 16 15:38:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 16 13:46:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	27184	20.00	ng/ul	0.00
2) Naphthalene-d8	10.96	136	120990	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	95352	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	276879	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	341320	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	355844	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	395206	234.54	ng/uL	0.00
7) Acenaphthylene-d8	14.46	160	1472815	155.01	ng/ul	0.00
10) Fluorene-d10	15.75	176	1155190	177.64	ng/ul	0.00
15) Anthracene-d10	17.61	188	1870862	140.00	ng/ul	0.01
19) Pyrene-d10	19.88	212	2319710	123.67	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.87	264	2673629	181.87	ng/ul	0.03
Target Compounds				Qvalue		
4) Naphthalene	11.01	128	876712	148.007	ng/ul	99
5) 2-Methylnaphthalene	12.60	142	732880	163.485	ng/ul	97
8) Acenaphthylene	14.49	152	1250458	134.420	ng/ul	99
9) Acenaphthene	14.83	153	919043	145.089	ng/ul	100
11) Fluorene	15.81	166	1127340	155.406	ng/ul	98
13) Pentachlorophenol	17.16	266	318885	269.405	ng/uL	98
14) Phenanthrene	17.55	178	2015072	132.448	ng/ul	96
16) Anthracene	17.64	178	2003102	126.388	ng/ul	94
17) Fluoranthene	19.55	202	2660779	177.670	ng/ul#	86
20) Pyrene	19.91	202	2509558	107.592	ng/ul#	86
21) Benzo(a)anthracene	21.76	228	2877131	144.394	ng/ul#	91
22) Chrysene	21.83	228	2685986	148.827	ng/ul	93
24) Benzo(b)fluoranthene	24.04	252	3113363	164.210	ng/ul#	90
25) Benzo(k)fluoranthene	24.11	252	2982353	162.524	ng/ul#	91
27) Benzo(a)pyrene	24.96	252	3012056	167.976	ng/ul#	91
28) Indeno(1,2,3-cd)pyrene	28.91	276	3735969	158.157	ng/ul#	88
29) Dibenzo(a,h)anthracene	28.97	278	3024810	153.014	ng/ul#	91
30) Benzo(g,h,i)perylene	30.11	276	3118064	165.583	ng/ul#	87

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

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