

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052717\
 Data File : BG027172.D
 Acq On : 27 May 2017 16:11
 Operator : SJ/MA
 Sample : SSTD16071
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16071

Quant Time: May 27 16:58:08 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG052717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 27 16:10:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	76351	20.00	ng/ul	0.00
2) Naphthalene-d8	10.76	136	339733	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	307599	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	529117	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	460134	20.00	ng/ul	0.01
23) Perylene-d12	24.71	264	473382	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.40	165	760319	160.70	ng/uL	0.00
7) Acenaphthylene-d8	14.28	160	3993631	130.29	ng/ul	0.00
10) Fluorene-d10	15.58	176	2860720	136.36	ng/ul	0.01
15) Anthracene-d10	17.43	188	2958764	115.86	ng/ul	0.00
19) Pyrene-d10	19.71	212	3533475	139.74	ng/ul	0.01
26) Benzo(a)pyrene-d12	24.51	264	3034209	155.15	ng/ul	0.03
Target Compounds				Qvalue		
4) Naphthalene	10.82	128	2425962	145.86	ng/ul	95
5) 2-Methylnaphthalene	12.42	142	2360172	187.50	ng/ul	95
8) Acenaphthylene	14.32	152	3833527	127.74	ng/ul#	88
9) Acenaphthene	14.65	153	2799604	137.01	ng/ul	97
11) Fluorene	15.63	166	3000487	128.22	ng/ul	99
13) Pentachlorophenol	16.99	266	373926	166.69	ng/uL	99
14) Phenanthrene	17.37	178	3192520	109.81	ng/ul#	92
16) Anthracene	17.47	178	3339654	110.27	ng/ul#	89
17) Fluoranthene	19.38	202	4053663	137.69	ng/ul#	80
20) Pyrene	19.74	202	4025227	128.01	ng/ul#	74
21) Benzo(a)anthracene	21.55	228	3616084	134.62	ng/ul#	90
22) Chrysene	21.62	228	2921581	120.08	ng/ul	93
24) Benzo(b)fluoranthene	23.72	252	3774543	149.65	ng/ul#	92
25) Benzo(k)fluoranthene	23.79	252	3294025	134.94	ng/ul#	93
27) Benzo(a)pyrene	24.59	252	3696957	154.98	ng/ul#	90
28) Indeno(1,2,3-cd)pyrene	28.33	276	3338944	106.25	ng/ul#	87
29) Dibenzo(a,h)anthracene	28.39	278	4591002	174.58	ng/ul#	94
30) Benzo(g,h,i)perylene	29.46	276	4663538	186.16	ng/ul#	92

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

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