

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026227.D
 Acq On : 14 Mar 2017 1:03
 Operator : SJ/MA
 Sample : I2217-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 15 17:17:39 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:14:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	88625	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	448755	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	269992	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	590492	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	596833	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	571119	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	117769	17.72	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	613848	26.67	ng/ul	0.00
10) Fluorene-d10	15.65	176	433140	25.79	ng/ul	0.00
15) Anthracene-d10	17.49	188	591579	22.54	ng/ul	0.00
19) Pyrene-d10	19.76	212	645823	21.21	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	592025	24.04	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.90	128	23072	1.05	ng/ul	97
9) Acenaphthene	14.72	153	22880	1.38	ng/ul	91
11) Fluorene	15.70	166	25762	1.37	ng/ul	98
14) Phenanthrene	17.44	178	544051	17.39	ng/ul	99
16) Anthracene	17.53	178	102118	3.23	ng/ul	97
17) Fluoranthene	19.44	202	895029	27.55	ng/ul	99
20) Pyrene	19.79	202	792271	20.85	ng/ul	98
21) Benzo(a)anthracene	21.62	228	436333	13.14	ng/ul	97
22) Chrysene	21.69	228	425203	13.72	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	589112	18.17	ng/ul	99
25) Benzo(k)fluoranthene	23.82	252	589112	19.03	ng/ul	98
27) Benzo(a)pyrene	24.68	252	395985	13.14	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.45	276	273895	8.23	ng/ul	96
29) Dibenzo(a,h)anthracene	28.50	278	36845	1.40	ng/ul	94
30) Benzo(g,h,i)perylene	29.58	276	246217	8.65	ng/ul#	91

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

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