

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026299.D
 Acq On : 18 Mar 2017 2:30
 Operator : SJ/MA
 Sample : I2283-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z9

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:09 PM

Quant Time: Mar 18 03:30:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:29:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	166224	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	789011	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	433492	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	845209	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	842986	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	794710	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	43225	3.70	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	812523	21.98	ng/ul	0.00
10) Fluorene-d10	15.65	176	574459	21.31	ng/ul	0.00
15) Anthracene-d10	17.49	188	798661	21.26	ng/ul	0.00
19) Pyrene-d10	19.77	212	839987	19.53	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	684803	19.98	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.90	128	178701	4.63	ng/ul	98
5) 2-Methylnaphthalene	12.50	142	75591	2.64	ng/ul	98
9) Acenaphthene	14.72	153	73828	2.77	ng/ul	97
11) Fluorene	15.70	166	78259	2.60	ng/ul	99
14) Phenanthrene	17.43	178	1091088	24.36	ng/ul	99
16) Anthracene	17.52	178	226891	5.01	ng/ul	98
17) Fluoranthene	19.44	202	1477632	31.78	ng/ul	98
20) Pyrene	19.79	202	1240433	23.11	ng/ul	97
21) Benzo(a)anthracene	21.62	228	616969	13.15	ng/ul	99
22) Chrysene	21.68	228	593274	13.55	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	715522	15.86	ng/ul	97
25) Benzo(k)fluoranthene	23.88	252	247755m	5.75	ng/ul	
27) Benzo(a)pyrene	24.68	252	401284	9.57	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.45	276	167358	3.61	ng/ul#	91
29) Dibenzo(a,h)anthracene	28.49	278	61885m	1.69	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	147651m	3.73	ng/ul	

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

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