

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026285.D
 Acq On : 17 Mar 2017 16:40
 Operator : SJ/MA
 Sample : I2218-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y4

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:37 PM

Quant Time: Mar 17 17:50:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	127584	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	607129	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	329645	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	650374	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	635135	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	575425	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	53074	5.90	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	408791	14.54	ng/ul	0.00
10) Fluorene-d10	15.64	176	279596	13.64	ng/ul	0.00
15) Anthracene-d10	17.49	188	378017	13.08	ng/ul	0.00
19) Pyrene-d10	19.77	212	402537	12.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	342827	13.81	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.43	178	290518	8.43	ng/ul	99
16) Anthracene	17.52	178	47419	1.36	ng/ul	99
17) Fluoranthene	19.43	202	414871	11.59	ng/ul	98
20) Pyrene	19.80	202	363959	9.00	ng/ul	100
21) Benzo(a)anthracene	21.62	228	188895	5.34	ng/ul	99
22) Chrysene	21.68	228	184516	5.59	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	234410	7.18	ng/ul	97
25) Benzo(k)fluoranthene	23.87	252	76017m	2.44	ng/ul	
27) Benzo(a)pyrene	24.67	252	124450	4.10	ng/ul	94
28) Indeno(1,2,3-cd)pyrene	28.46	276	67078	2.00	ng/ul	93
30) Benzo(g,h,i)perylene	29.59	276	59596m	2.08	ng/ul	

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

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