

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026281.D
 Acq On : 17 Mar 2017 14:04
 Operator : SJ/MA
 Sample : I2218-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y0

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:32 PM

Quant Time: Mar 17 15:09:50 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	125203	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	597079	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	330466	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	653020	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	627282	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	565953	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	172567	19.51	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	704499	25.00	ng/ul	0.00
10) Fluorene-d10	15.64	176	484026	23.55	ng/ul	0.00
15) Anthracene-d10	17.49	188	663310	22.86	ng/ul	0.00
19) Pyrene-d10	19.77	212	718699	22.45	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	631003	25.85	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	169248	4.89	ng/ul	98
17) Fluoranthene	19.43	202	269403	7.50	ng/ul	98
20) Pyrene	19.79	202	225023	5.63	ng/ul	98
21) Benzo(a)anthracene	21.62	228	119627	3.43	ng/ul	97
22) Chrysene	21.68	228	119299	3.66	ng/ul	97
24) Benzo(b)fluoranthene	23.82	252	150177	4.67	ng/ul#	96
25) Benzo(k)fluoranthene	23.88	252	49904m	1.63	ng/ul	
27) Benzo(a)pyrene	24.67	252	81541	2.73	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.46	276	49703m	1.51	ng/ul	
30) Benzo(g,h,i)perylene	29.60	276	38176m	1.35	ng/ul	

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

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