

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026218.D
 Acq On : 13 Mar 2017 19:09
 Operator : SJ/MA
 Sample : I2217-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2X9

Manual Integrations
 APPROVED

mohammad
 3/16/2017 10:52:20 AM

Quant Time: Mar 21 17:23:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	71271	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	370460	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	231878	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	557798	20.00	ng/ul	-0.02
18) Chrysene-d12	21.64	240	577799	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	545075	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	84169	15.34	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	501003	25.34	ng/ul	0.00
10) Fluorene-d10	15.64	176	370289	25.68	ng/ul	-0.02
15) Anthracene-d10	17.49	188	561387	22.65	ng/ul	-0.02
19) Pyrene-d10	19.76	212	635266	21.55	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	596588	25.38	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	237324	8.03	ng/ul	99
16) Anthracene	17.52	178	46690	1.56	ng/ul	96
17) Fluoranthene	19.43	202	431381	14.06	ng/ul	99
20) Pyrene	19.79	202	379286	10.31	ng/ul	98
21) Benzo(a)anthracene	21.61	228	219401	6.82	ng/ul	100
22) Chrysene	21.68	228	203318	6.78	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	272741	8.81	ng/ul#	94
25) Benzo(k)fluoranthene	23.87	252	102963m	3.48	ng/ul	
27) Benzo(a)pyrene	24.67	252	178314	6.20	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.43	276	125801	3.96	ng/ul	98
29) Dibenzo(a,h)anthracene	28.48	278	35148m	1.40	ng/ul	
30) Benzo(g,h,i)perylene	29.56	276	118375m	4.36	ng/ul	

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

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