

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026220.D
 Acq On : 13 Mar 2017 20:28
 Operator : SJ/MA
 Sample : I2217-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z0

Manual Integrations
 APPROVED

mohammad
 3/16/2017 10:52:25 AM

Quant Time: Mar 15 17:45:08 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	8.06	152	77806	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.85	136	378760	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	234345	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	563770	20.00	ng/ul	-0.01
18) Chrysene-d12	21.63	240	575479	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	549645	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	95212	16.97	ng/uL	-0.01
7) Acenaphthylene-d8	14.35	160	560253	28.04	ng/ul	-0.01
10) Fluorene-d10	15.65	176	409744	28.11	ng/ul	-0.01
15) Anthracene-d10	17.49	188	615194	24.55	ng/ul	-0.02
19) Pyrene-d10	19.77	212	662934	22.58	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	610174	25.74	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.43	178	58868	1.97	ng/ul	97
17) Fluoranthene	19.43	202	130679	4.21	ng/ul	97
20) Pyrene	19.80	202	129329	3.53	ng/ul	97
21) Benzo(a)anthracene	21.62	228	77420	2.42	ng/ul	99
22) Chrysene	21.68	228	72057	2.41	ng/ul	97
24) Benzo(b)fluoranthene	23.81	252	103314	3.31	ng/ul	100
25) Benzo(k)fluoranthene	23.86	252	36299m	1.22	ng/ul	
27) Benzo(a)pyrene	24.67	252	60013	2.07	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.44	276	49090m	1.53	ng/ul	
30) Benzo(g,h,i)perylene	29.55	276	47818m	1.74	ng/ul	

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

