

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026222.D
 Acq On : 13 Mar 2017 21:46
 Operator : SJ/MA
 Sample : I2217-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z1

Manual Integrations
 APPROVED

mohammad
 3/16/2017 10:52:31 AM

Quant Time: Mar 15 17:47:42 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	83378	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	414953	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	255358	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	587278	20.00	ng/ul	-0.02
18) Chrysene-d12	21.64	240	598825	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	578308	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	75729	12.32	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	451051	20.72	ng/ul	-0.02
10) Fluorene-d10	15.64	176	328523	20.68	ng/ul	-0.02
15) Anthracene-d10	17.49	188	467171	17.90	ng/ul	-0.02
19) Pyrene-d10	19.76	212	512383	16.77	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	459815	18.44	ng/ul	-0.03
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	115038	3.70	ng/ul	98
17) Fluoranthene	19.43	202	196459	6.08	ng/ul	96
20) Pyrene	19.79	202	188184	4.94	ng/ul	99
21) Benzo(a)anthracene	21.61	228	110163	3.31	ng/ul	98
22) Chrysene	21.68	228	105532	3.39	ng/ul	97
24) Benzo(b)fluoranthene	23.82	252	147110m	4.48	ng/ul	
25) Benzo(k)fluoranthene	23.87	252	42418	1.35	ng/ul	96
27) Benzo(a)pyrene	24.67	252	100996	3.31	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.44	276	71878	2.13	ng/ul	95
30) Benzo(g,h,i)perylene	29.56	276	70126m	2.43	ng/ul	

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

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