

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026225.D
 Acq On : 14 Mar 2017 23:44
 Operator : SJ/MA
 Sample : I2217-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2W9

Manual Integrations
 APPROVED

mohammad

3/16/2017 10:53:37 AM

Quant Time: Mar 15 17:53:42 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	80871	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	406510	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.66	164	244758	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	560307	20.00	ng/ul	-0.01
18) Chrysene-d12	21.64	240	574457	20.00	ng/ul	-0.01
23) Perylene-d12	24.83	264	558269	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	421	0.07	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	269103	12.90	ng/ul	-0.01
10) Fluorene-d10	15.65	176	200485	13.17	ng/ul	-0.01
15) Anthracene-d10	17.49	188	287214	11.53	ng/ul	-0.01
19) Pyrene-d10	19.77	212	334218	11.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	298818	12.41	ng/ul	-0.03
Target Compounds				Qvalue		
9) Acenaphthene	14.72	153	24297	1.61	ng/ul	93
11) Fluorene	15.71	166	30850	1.81	ng/ul	96
14) Phenanthrene	17.43	178	549380	18.50	ng/ul	100
16) Anthracene	17.53	178	111004	3.70	ng/ul	98
17) Fluoranthene	19.44	202	886297	28.75	ng/ul	99
20) Pyrene	19.79	202	787314	21.53	ng/ul	100
21) Benzo(a)anthracene	21.62	228	468308	14.65	ng/ul	98
22) Chrysene	21.68	228	424879	14.24	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	599306	18.91	ng/ul	97
25) Benzo(k)fluoranthene	23.87	252	163029m	5.39	ng/ul	
27) Benzo(a)pyrene	24.68	252	391272	13.29	ng/ul#	97
28) Indeno(1,2,3-cd)pyrene	28.44	276	241821	7.44	ng/ul#	94
29) Dibenzo(a,h)anthracene	28.48	278	71750m	2.78	ng/ul	
30) Benzo(g,h,i)perylene	29.58	276	224564	8.07	ng/ul	96

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

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