

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026293.D
 Acq On : 17 Mar 2017 22:34
 Operator : SJ/MA
 Sample : I2218-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z5

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:59 PM

Quant Time: Mar 18 00:34:31 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:29:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	129874	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	617179	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	336208	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	665818	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	648314	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	604835	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	111211	12.17	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	731827	25.53	ng/ul	0.00
10) Fluorene-d10	15.64	176	505200	24.16	ng/ul	0.00
15) Anthracene-d10	17.49	188	687877	23.25	ng/ul	0.00
19) Pyrene-d10	19.76	212	764985	23.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	695438	26.66	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.90	128	45141	1.50	ng/ul	Qvalue 97
5) 2-Methylnaphthalene	12.50	142	26522	1.18	ng/ul	100
9) Acenaphthene	14.72	153	39957	1.93	ng/ul	99
11) Fluorene	15.70	166	43908	1.88	ng/ul	98
14) Phenanthrene	17.43	178	662002	18.76	ng/ul	98
16) Anthracene	17.52	178	132401	3.71	ng/ul	98
17) Fluoranthene	19.43	202	958301	26.16	ng/ul	98
20) Pyrene	19.79	202	826884	20.03	ng/ul	97
21) Benzo(a)anthracene	21.61	228	451774	12.52	ng/ul	98
22) Chrysene	21.68	228	443021	13.16	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	564284	16.43	ng/ul	98
25) Benzo(k)fluoranthene	23.87	252	193753m	5.91	ng/ul	
27) Benzo(a)pyrene	24.67	252	333152	10.44	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	28.45	276	191466	5.43	ng/ul#	95
29) Dibenzo(a,h)anthracene	28.49	278	59658m	2.13	ng/ul	
30) Benzo(g,h,i)perylene	29.58	276	154159m	5.11	ng/ul	

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

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