

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026294.D
 Acq On : 17 Mar 2017 23:13
 Operator : SJ/MA
 Sample : I2218-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z6

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:55:01 PM

Quant Time: Mar 18 00:35:44 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	142760	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	665870	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	358235	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	707921	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	696049	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	652665	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	137799	13.97	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	783683	25.66	ng/ul	0.00
10) Fluorene-d10	15.64	176	539505	24.21	ng/ul	0.00
15) Anthracene-d10	17.49	188	692323	22.01	ng/ul	0.00
19) Pyrene-d10	19.77	212	745892	21.00	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	681458	24.21	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.90	128	43818	1.35	ng/ul#	94
5) 2-Methylnaphthalene	12.50	142	25301	1.05	ng/ul	99
9) Acenaphthene	14.72	153	66624	3.02	ng/ul	96
11) Fluorene	15.70	166	79068	3.18	ng/ul	96
14) Phenanthrene	17.44	178	975842	26.01	ng/ul	99
16) Anthracene	17.52	178	152661	4.03	ng/ul	100
17) Fluoranthene	19.43	202	1200155	30.81	ng/ul	97
20) Pyrene	19.80	202	1060075	23.92	ng/ul	99
21) Benzo(a)anthracene	21.62	228	497610	12.85	ng/ul	100
22) Chrysene	21.68	228	513818	14.21	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	610319	16.47	ng/ul	97
25) Benzo(k)fluoranthene	23.87	252	218798m	6.18	ng/ul	
27) Benzo(a)pyrene	24.67	252	381742	11.09	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.46	276	214572	5.64	ng/ul	100
29) Dibenzo(a,h)anthracene	28.49	278	59741m	1.98	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	158551	4.87	ng/ul	99

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

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