

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026277.D
 Acq On : 17 Mar 2017 11:23
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02030

Manual Integrations
 APPROVED

mohammad

3/20/2017 12:54:24 PM

Quant Time: Mar 17 14:44:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	124544	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	573593	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	311395	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	617209	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	613922	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	547377	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	166501	19.60	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	621193	23.40	ng/ul	0.00
10) Fluorene-d10	15.65	176	418672	21.62	ng/ul	0.00
15) Anthracene-d10	17.49	188	573061m	20.89	ng/ul	0.00
19) Pyrene-d10	19.77	212	576840	18.41	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	515018	21.82	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.91	128	574296	20.47	ng/ul	100
5) 2-Methylnaphthalene	12.50	142	424519	20.40	ng/ul	95
8) Acenaphthylene	14.39	152	628453	23.17	ng/ul	99
9) Acenaphthene	14.73	153	441736	23.05	ng/ul	97
11) Fluorene	15.70	166	478046	22.10	ng/ul	98
13) Pentachlorophenol	17.05	266	63527	16.05	ng/uL	100
14) Phenanthrene	17.44	178	691354	21.14	ng/ul	100
16) Anthracene	17.52	178	698726	21.15	ng/ul	99
17) Fluoranthene	19.43	202	737744	21.73	ng/ul	97
20) Pyrene	19.80	202	752207	19.25	ng/ul	98
21) Benzo(a)anthracene	21.62	228	705047	20.64	ng/ul	98
22) Chrysene	21.69	228	651830	20.44	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	663738m	21.36	ng/ul	
25) Benzo(k)fluoranthene	23.88	252	675374	22.76	ng/ul	98
27) Benzo(a)pyrene	24.68	252	652574	22.60	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.47	276	590349	18.51	ng/ul#	95
29) Dibenzo(a,h)anthracene	28.52	278	477226	18.87	ng/ul	97
30) Benzo(g,h,i)perylene	29.60	276	421965	15.46	ng/ul	96

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

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