

Data Path : Z:\HPCHEM1\BNA G\DATA\BG053017\
 Data File : BG027200.D
 Acq On : 30 May 2017 9:13
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02076

Manual Integrations
 APPROVED

mohammad
 5/31/2017 3:00:48 PM

Quant Time: May 30 17:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 29 03:58:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	105806	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	651806	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	372474	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	785665	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	679927	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	712847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.39	165	176980	19.50	ng/uL	0.00
7) Acenaphthylene-d8	14.27	160	743878	20.04	ng/ul	0.00
10) Fluorene-d10	15.56	176	518808	20.42	ng/ul	0.00
15) Anthracene-d10	17.41	188	746856	19.70	ng/ul	0.00
19) Pyrene-d10	19.69	212	724110	19.38	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	655639	22.26	ng/ul	0.00
Target Compounds				Qvalue		
4) Naphthalene	10.80	128	655709	20.55	ng/ul	100
5) 2-Methylnaphthalene	12.41	142	487500	20.19	ng/ul	95
8) Acenaphthylene	14.30	152	754404	20.76	ng/ul	98
9) Acenaphthene	14.64	153	516666	20.88	ng/ul	99
11) Fluorene	15.62	166	566757	20.00	ng/ul	99
13) Pentachlorophenol	16.98	266	55723	16.59	ng/uL	98
14) Phenanthrene	17.36	178	844520	19.56	ng/ul	99
16) Anthracene	17.44	178	880885	19.59	ng/ul	99
17) Fluoranthene	19.36	202	904109	21.28	ng/ul#	91
20) Pyrene	19.72	202	910791	19.60	ng/ul#	90
21) Benzo(a)anthracene	21.54	228	803662	20.25	ng/ul	100
22) Chrysene	21.60	228	732230	20.37	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	811929	21.38	ng/ul#	95
25) Benzo(k)fluoranthene	23.75	252	788247	21.44	ng/ul#	96
27) Benzo(a)pyrene	24.54	252	787464	21.92	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	28.25	276	935337	19.77	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.30	278	781077	19.72	ng/ul#	94
30) Benzo(g,h,i)perylene	29.37	276	778149m	20.63	ng/ul	

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

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