

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027157.D
 Acq On : 25 May 2017 9:54
 Operator : SJ/MA
 Sample : I3276-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC91

Manual Integrations
 APPROVED

mohammad
 5/26/2017 11:56:06 AM

Quant Time: May 25 10:57:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	205534	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	936010	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.63	164	464544	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	824615	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	724540	20.00	ng/ul	0.01
22) Perylene-d12	24.81	264	570585	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	14.32	160	1141238	23.95	ng/ul	0.00
10) Fluorene-d10	15.62	176	708362	22.28	ng/ul	0.00
14) Anthracene-d10	17.47	188	951108m	23.66	ng/ul	0.00
18) Pyrene-d10	19.75	212	903197	23.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	696193	24.56	ng/ul	0.03

Target Compounds

						Qvalue
3) Naphthalene	10.86	128	243962	5.02	ng/ul	99
4) 2-Methylnaphthalene	12.46	142	77033	2.14	ng/ul	98
5) 1-Methylnaphthalene	12.68	142	57815	1.49	ng/ul#	97
9) Acenaphthene	14.69	153	206983	6.31	ng/ul	97
11) Fluorene	15.67	166	220323	6.31	ng/ul	96
13) Phenanthrene	17.41	178	2738571m	59.41	ng/ul	
15) Anthracene	17.50	178	649123	13.71	ng/ul	98
16) Fluoranthene	19.42	202	3308786	70.21	ng/ul#	78
19) Pyrene	19.78	202	2800898	59.15	ng/ul#	79
20) Benzo(a)anthracene	21.60	228	1529893	35.04	ng/ul	94
21) Chrysene	21.67	228	1434656	35.80	ng/ul	94
23) Benzo(b)fluoranthene	23.81	252	1773321	52.29	ng/ul#	91
24) Benzo(k)fluoranthene	23.86	252	872610m	25.02	ng/ul	
26) Benzo(a)pyrene	24.66	252	1107384	33.38	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.45	276	488694	16.01	ng/ul#	80
28) Dibenzo(a,h)anthracene	28.49	278	127109	4.83	ng/ul#	77
29) Benzo(g,h,i)perylene	29.59	276	312852	12.89	ng/ul#	84

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

