Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018925.D
Acq On : 26 Sep 2015 22:52
Operator : UM/NP
Sample : G3798-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G67

Manual Integrations APPROVED
MMDadoda
9/28/2015 6:15:49 PM

Quant Time: Sep 28 06:01:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58958	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	257996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	166767	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	380547	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	371575	20.00	ng/ul	0.01
86) Perylene-d12	24.81	264	397102	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	798	0.65	ng/uL	0.00
5) Phenol-d5	7.16	99	43426	8.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	22101	7.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	33849	9.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	35826	9.12	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	16995	8.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.87	143	19272	9.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	40662	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	8255	1.71	ng/ul	0.01
44) Dimethylphthalate-d6	14.01	166	131645	9.81	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	101603	6.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	15914	6.18	ng/ul	0.00
58) Fluorene-d10	15.60	176	49612	4.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	6555	3.64	ng/ul	0.00
71) Anthracene-d10	17.45	188	15163	0.91	ng/ul	0.00
79) Pyrene-d10	19.74	212	43251	2.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	13934	0.72	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.80	105	6784	1.13	ng/ul#	67
28) Naphthalene	10.84	128	34897	2.66	ng/ul	99
34) 2-Methylnaphthalene	12.45	142	17568	1.81	ng/ul	95
35) 1-Methylnaphthalene	12.67	142	12294	1.32	ng/ul#	95
45) Dimethylphthalate	14.06	163	44665	3.43	ng/ul	98
48) Acenaphthylene	14.34	152	134761	7.96	ng/ul	98
50) Acenaphthene	14.68	153	19641	1.72	ng/ul	95
54) Dibenzofuran	15.01	168	20777	1.30	ng/ul	93
59) Fluorene	15.66	166	20237	1.50	ng/ul#	97
70) Phenanthrene	17.40	178	313641	16.21	ng/ul	99
72) Anthracene	17.49	178	168591	8.69	ng/ul	99
75) Carbazole	17.76	167	69100	4.01	ng/ul	96
77) Fluoranthene	19.41	202	1260082	58.76	ng/ul	99
80) Pyrene	19.77	202	1288695	58.98	ng/ul	98
81) Butylbenzylphthalate	20.65	149	15203	1.81	ng/ul#	93
83) Benzo(a)anthracene	21.60	228	1005712	48.82	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.49	149	75881	6.11	ng/ul#	98
85) Chrysene	21.66	228	1079479	56.80	ng/ul	97
88) Benzo(b)fluoranthene	23.81	252	1862432	82.94	ng/ul	95
89) Benzo(k)fluoranthene	23.86	252	712443m	33.12	ng/ul	
91) Benzo(a)pyrene	24.67	252	1112160	52.11	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.46	276	863142	34.88	ng/ul	97
93) Dibenzo(a,h)anthracene	28.48	278	222893	11.22	ng/ul#	91

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Quant Title : SVOA CALIBRATION
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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	29.60	276	794830	38.48	ng/ul	98

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

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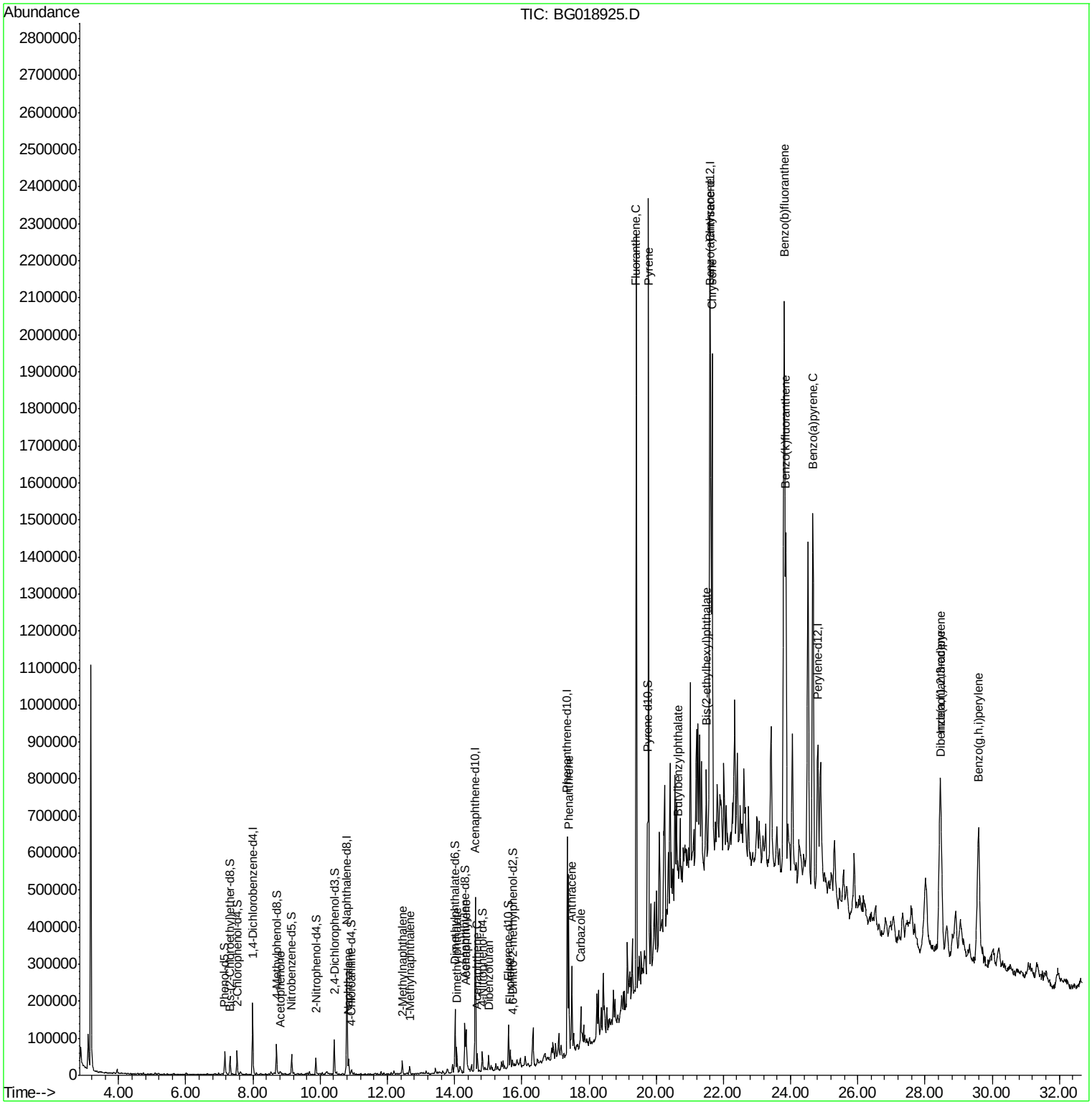
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