

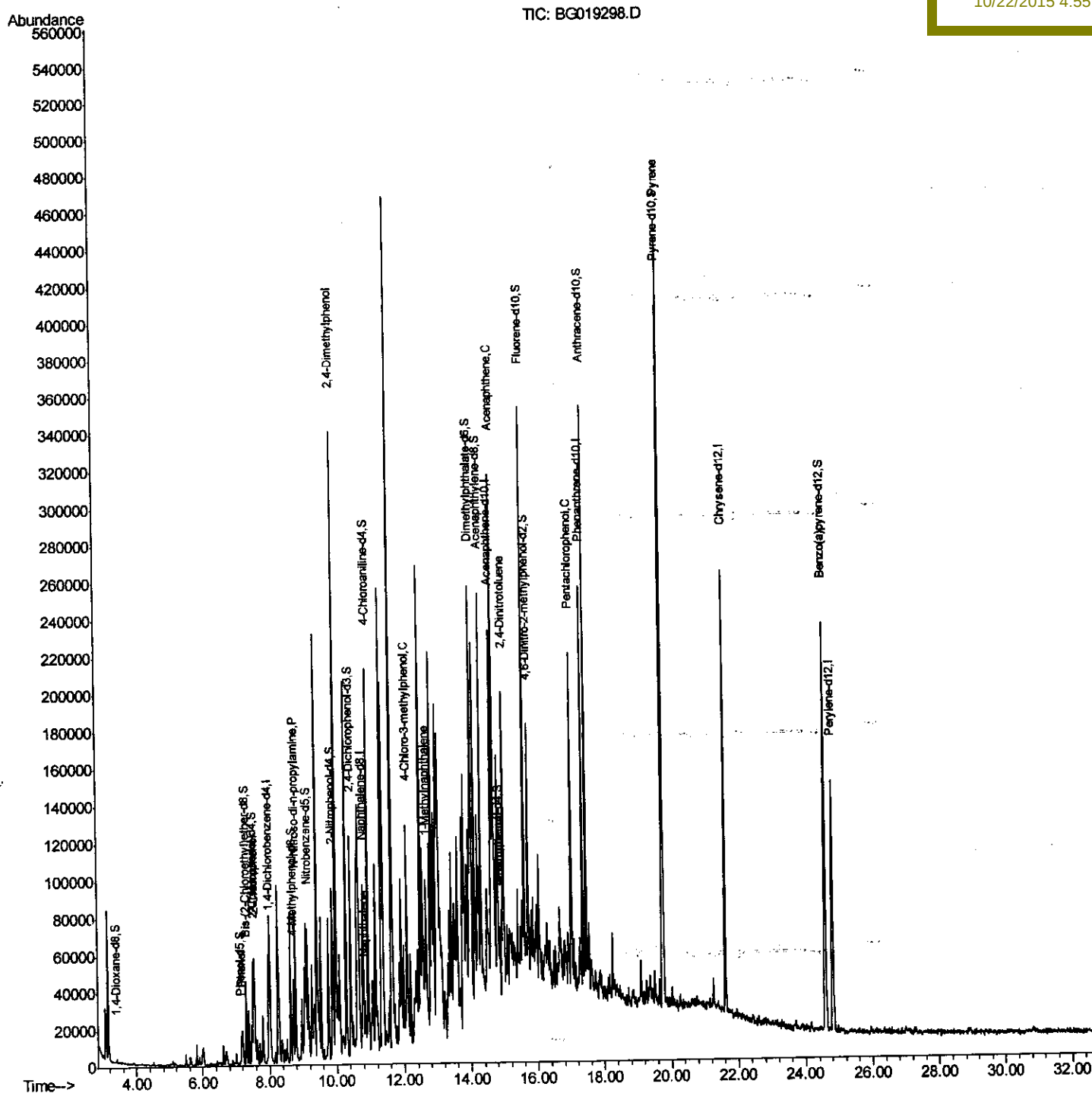
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
Data File : BG019298.D
Acq On : 22 Oct 2015 2:25
Operator : UM/NP
Sample : G4057-20MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LQ0MSD

Quant Time: Oct 22 09:41:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Manual Integrations
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MMdadoda
10/22/2015 4:55:59 PM



Quantitation Report (Qedit)

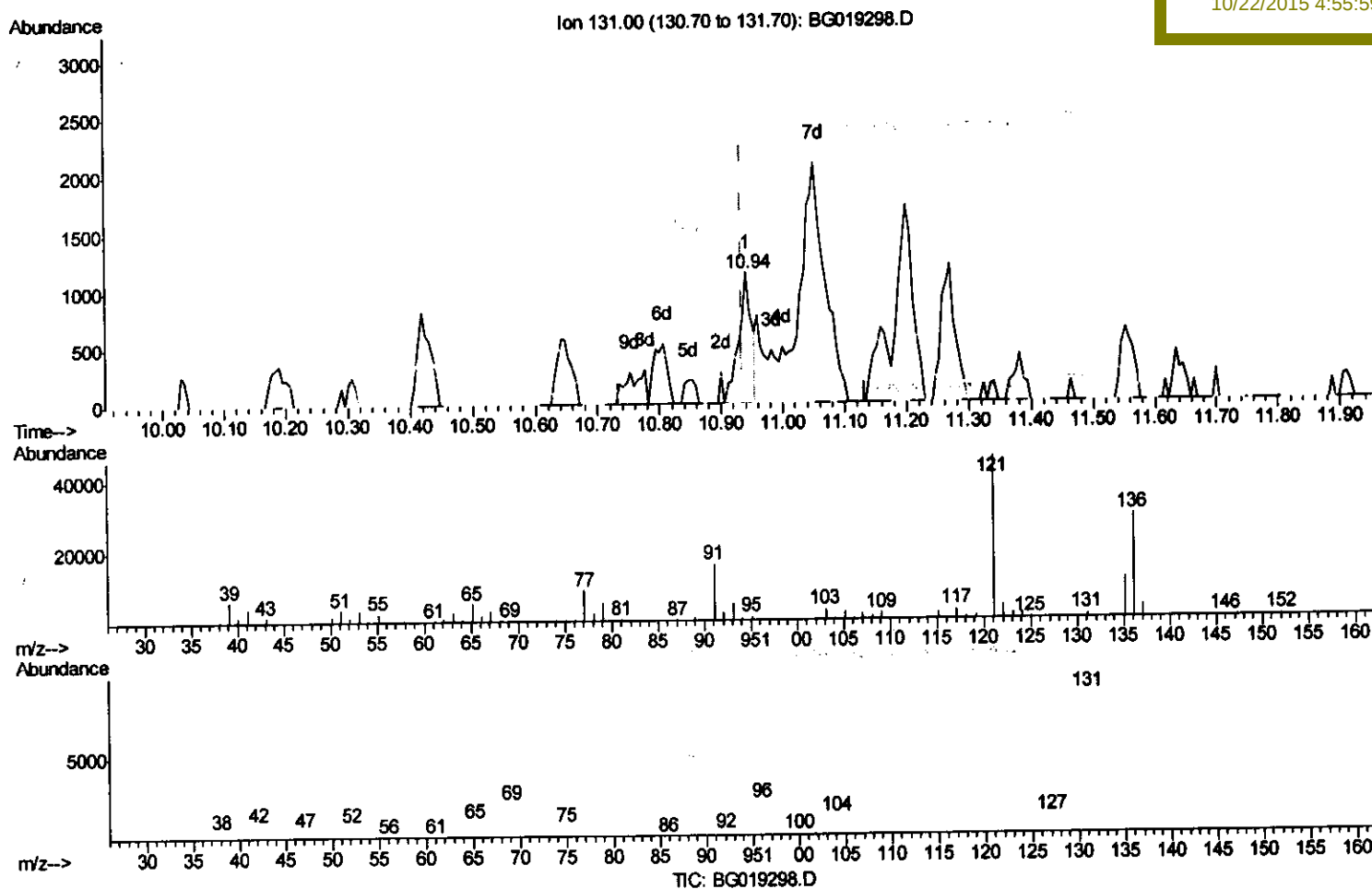
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Quant Time: Oct 22 09:40:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.941min (+0.007) 1.17ng/ul

response 1638

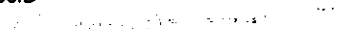
Ion	Exp%	Act%
131.00	100	100
133.00	31.50	18.08#
69.00	17.00	33.89#
0.00	0.00	0.00

1. $\frac{1}{2}$ 2. $\frac{1}{2}$ 3. $\frac{1}{2}$ 4. $\frac{1}{2}$ 5. $\frac{1}{2}$ 6. $\frac{1}{2}$ 7. $\frac{1}{2}$ 8. $\frac{1}{2}$ 9. $\frac{1}{2}$ 10. $\frac{1}{2}$

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 2. $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$ 3. $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ 4. $\frac{1}{2} \times \frac{1}{8} = \frac{1}{16}$ 5. $\frac{1}{4} \times \frac{1}{8} = \frac{1}{32}$ 6. $\frac{1}{2} \times \frac{1}{16} = \frac{1}{32}$ 7. $\frac{1}{4} \times \frac{1}{16} = \frac{1}{64}$ 8. $\frac{1}{2} \times \frac{1}{32} = \frac{1}{64}$ 9. $\frac{1}{4} \times \frac{1}{32} = \frac{1}{128}$ 10. $\frac{1}{2} \times \frac{1}{64} = \frac{1}{128}$ 11. $\frac{1}{4} \times \frac{1}{64} = \frac{1}{256}$ 12. $\frac{1}{2} \times \frac{1}{128} = \frac{1}{256}$ 13. $\frac{1}{4} \times \frac{1}{128} = \frac{1}{512}$ 14. $\frac{1}{2} \times \frac{1}{256} = \frac{1}{512}$ 15. $\frac{1}{4} \times \frac{1}{512} = \frac{1}{1024}$ 16. $\frac{1}{2} \times \frac{1}{1024} = \frac{1}{1024}$ 17. $\frac{1}{4} \times \frac{1}{1024} = \frac{1}{2048}$ 18. $\frac{1}{2} \times \frac{1}{2048} = \frac{1}{2048}$ 19. $\frac{1}{4} \times \frac{1}{2048} = \frac{1}{4096}$ 20. $\frac{1}{2} \times \frac{1}{4096} = \frac{1}{4096}$ 21. $\frac{1}{4} \times \frac{1}{4096} = \frac{1}{8192}$ 22. $\frac{1}{2} \times \frac{1}{8192} = \frac{1}{8192}$ 23. $\frac{1}{4} \times \frac{1}{8192} = \frac{1}{16384}$ 24. $\frac{1}{2} \times \frac{1}{16384} = \frac{1}{16384}$ 25. $\frac{1}{4} \times \frac{1}{16384} = \frac{1}{32768}$ 26. $\frac{1}{2} \times \frac{1}{32768} = \frac{1}{32768}$ 27. $\frac{1}{4} \times \frac{1}{32768} = \frac{1}{65536}$ 28. $\frac{1}{2} \times \frac{1}{65536} = \frac{1}{65536}$ 29. $\frac{1}{4} \times \frac{1}{65536} = \frac{1}{131072}$ 30. $\frac{1}{2} \times \frac{1}{131072} = \frac{1}{131072}$ 31. $\frac{1}{4} \times \frac{1}{131072} = \frac{1}{262144}$ 32. $\frac{1}{2} \times \frac{1}{262144} = \frac{1}{262144}$ 33. $\frac{1}{4} \times \frac{1}{262144} = \frac{1}{524288}$ 34. $\frac{1}{2} \times \frac{1}{524288} = \frac{1}{524288}$ 35. $\frac{1}{4} \times \frac{1}{524288} = \frac{1}{1048576}$ 36. $\frac{1}{2} \times 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$\frac{1}{2} \times \frac{1}{34359738368} = \frac{1}{34359738368}$ 67. $\frac{1}{4} \times \frac{1}{34359738368} = \frac{1}{68719476736}$ 68. $\frac{1}{2} \times \frac{1}{68719476736} = \frac{1}{68719476736}$ 69. $\frac{1}{4} \times \frac{1}{68719476736} = \frac{1}{137438953472}$ 70. $\frac{1}{2} \times \frac{1}{137438953472} = \frac{1}{137438953472}$ 71. $\frac{1}{4} \times \frac{1}{137438953472} = \frac{1}{274877906944}$ 72. $\frac{1}{2} \times \frac{1}{274877906944} = \frac{1}{274877906944}$ 73. $\frac{1}{4} \times \frac{1}{274877906944} = \frac{1}{549755813888}$ 74. $\frac{1}{2} \times \frac{1}{549755813888} = \frac{1}{549755813888}$ 75. $\frac{1}{4} \times \frac{1}{549755813888} = \frac{1}{1099511627776}$ 76. $\frac{1}{2} \times \frac{1}{1099511627776} = \frac{1}{1099511627776}$ 77. $\frac{1}{4} \times \frac{1}{1099511627776} = \frac{1}{2199023255552}$ 78. $\frac{1}{2} \times \frac{1}{2199023255552} = \frac{1}{2199023255552}$ 79. $\frac{1}{4} \times \frac{1}{2199023255552} = 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Manual Integrations APPROVED

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10.941min (+0.007) 1.69ng/ul m

U.M.
10/23/15

131.00	100	100
133.00	31.50	18.08#
69.00	17.00	33.89#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 22 09:41:28 2015
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 Response via : Initial Calibration

Manual Integrations
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 10/22/2015 4:55:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	14667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	67073	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	54671	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	121953	20.00	ng/ul	-0.01
78) Chrysene-d12	21.62	240	145499	20.00	ng/ul	-0.02
86) Perylene-d12	24.82	264	146379	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	616	2.34	ng/uL	-0.02
5) Phenol-d5	7.16	99	7416	5.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.31	67	21291	25.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	23302	24.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	15033	13.86	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	15727	30.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	19116	34.85	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.42	165	33776	31.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	2365m	1.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	129524	27.09	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	143866	27.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	5188	6.04	ng/ul	0.00
58) Fluorene-d10	15.61	176	121498	29.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	25366	33.72	ng/ul	0.00
71) Anthracene-d10	17.46	188	180777	31.37	ng/ul	0.00
79) Pyrene-d10	19.75	212	209305	31.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	233849	31.62	ng/ul	0.00

Target Compounds					Qvalue
6) Phenol	7.19	94	8152	6.12 ng/ul#	85
10) 2-Chlorophenol	7.56	128	22801	23.80 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.78	70	27317	29.20 ng/ul	94
24) 2,4-Dimethylphenol	9.97	107	122318	86.64 ng/ul	88
28) Naphthalene	10.84	128	7213	2.06 ng/ul#	95
33) 4-Chloro-3-methylphenol	12.09	107	37421	27.08 ng/ul	88
35) 1-Methylnaphthalene	12.67	142	3984	1.46 ng/ul#	81
50) Acenaphthene	14.68	153	100585	26.35 ng/ul	96
53) 4-Nitrophenol	14.87	109	5378	5.72 ng/ul#	62
55) 2,4-Dinitrotoluene	14.99	165	39310	26.38 ng/ul	93
69) Pentachlorophenol	17.03	266	30224	36.81 ng/ul	93
80) Pyrene	19.78	202	253297	29.33 ng/ul#	88

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

U.M.
 10/23/15