Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041917\
Data File : BM009685.D
Acq On : 20 Apr 2017 00:50
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 20 05:06:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 05:05:21 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02013

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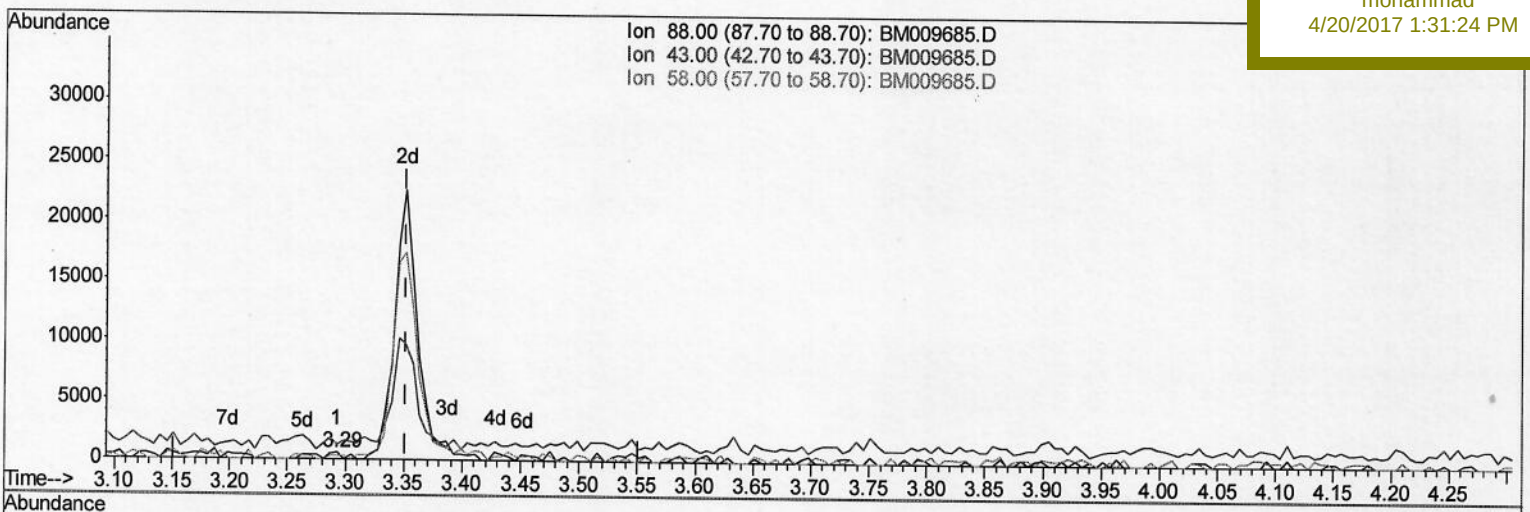

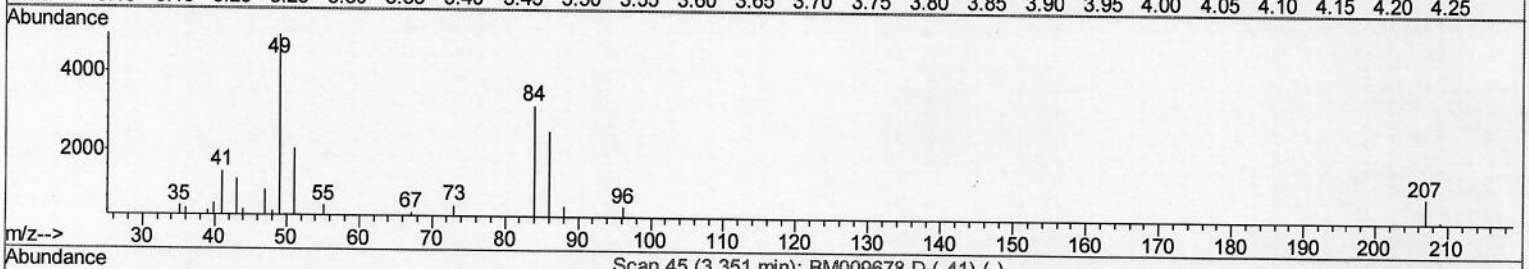

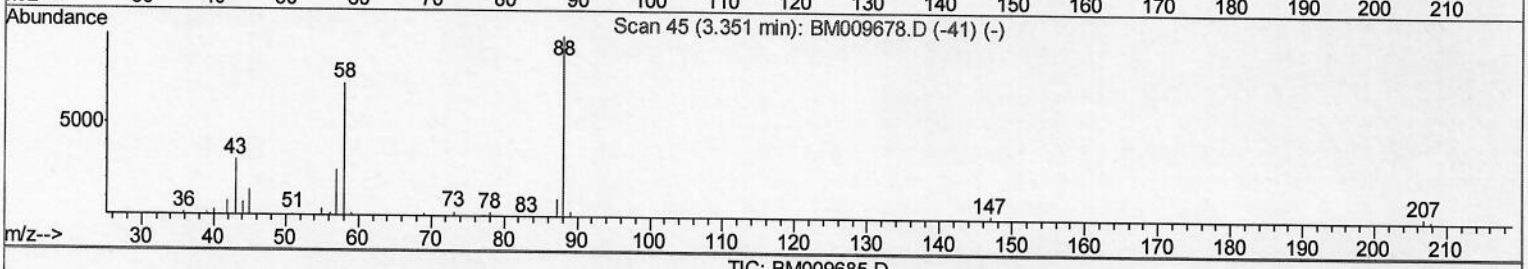

TIC: BM009685.D

(2) 1,4-Dioxane

3.293min (-0.059) 0.08ng/uL

response 377

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	86.21
58.00	109.30	91.78
0.00	0.00	0.00

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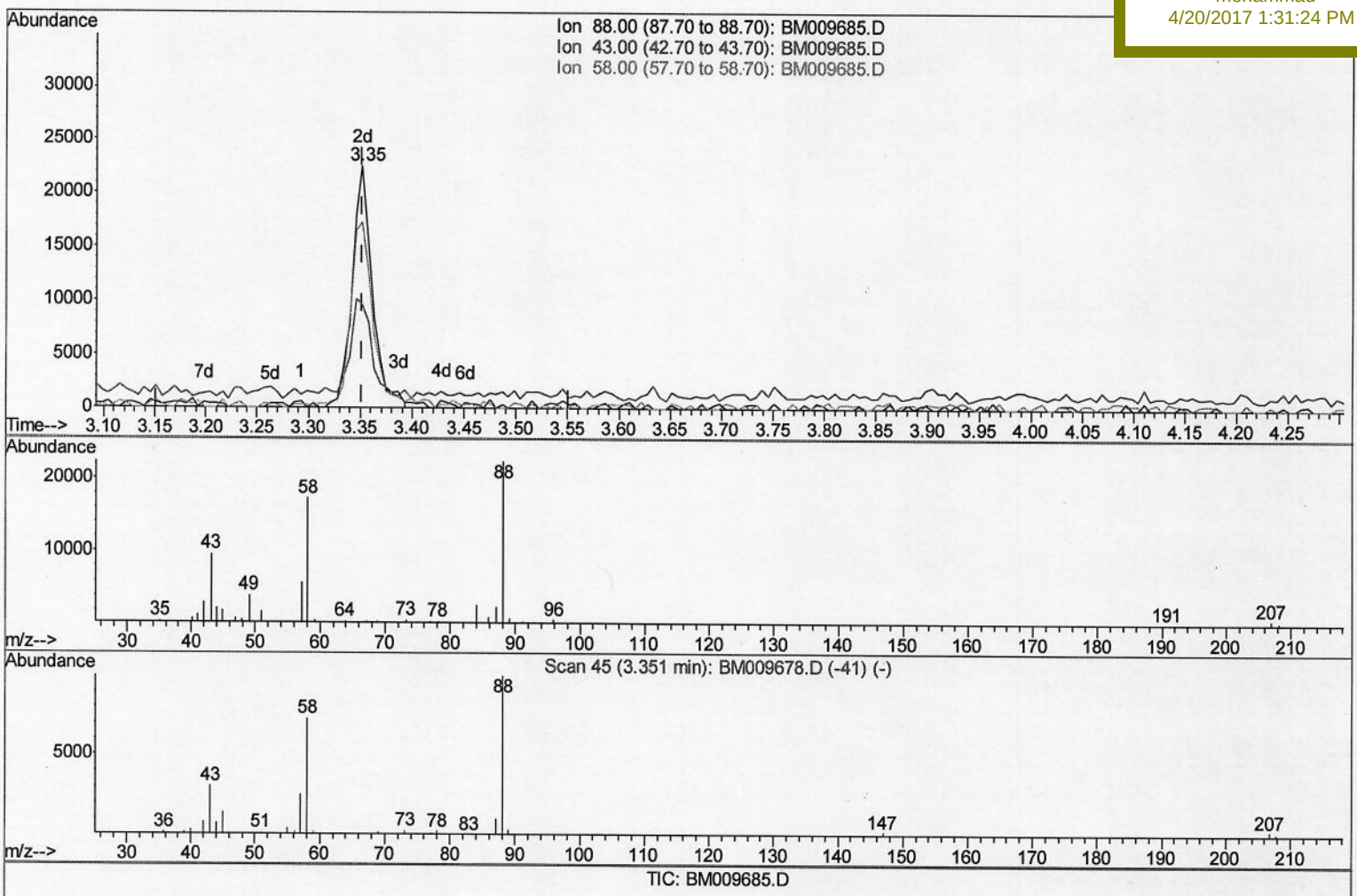

TIC: BM009685.D

(2) 1,4-Dioxane

3.351min (-0.000) 6.19ng/uL m

response 30461

Ion	Exp%	Act%
88.00	100	100
43.00	73.70	1.07#
58.00	109.30	1.14#
0.00	0.00	0.00

S.J
04/20/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	154156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	598171	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	330299	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	727401	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	914062	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	910069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	27672	6.61	ng/uL	0.00
5) Phenol-d5	6.99	99	269704	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	184243	18.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	194702	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	199482	19.22	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	92638	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	95938	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	186868	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	222359	22.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	515962	19.37	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	659511	19.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	84631	17.70	ng/ul	0.00
57) Fluorene-d10	15.47	176	438744	19.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	72399	15.62	ng/ul	0.00
70) Anthracene-d10	17.33	188	700329	19.88	ng/ul	0.00
76) Pyrene-d10	19.62	212	771290	19.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	779863	18.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	30461m	6.19	ng/uL	
4) Benzaldehyde	6.98	77	199881	23.01	ng/ul#	80
6) Phenol	7.02	94	291392	19.21	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.26	93	220537	18.97	ng/ul#	78
10) 2-Chlorophenol	7.40	128	202295	19.82	ng/ul#	71
11) 2-Methylphenol	8.27	108	195277	18.39	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	348615	18.35	ng/ul	99
14) Acetophenone	8.66	105	336814	18.96	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.64	70	199725	19.04	ng/ul#	80
16) 4-Methylphenol	8.60	108	216814	18.69	ng/ul	93
17) Hexachloroethane	8.90	117	92025	18.64	ng/ul	96
20) Nitrobenzene	9.05	77	290852	19.12	ng/ul#	86
21) Isophorone	9.56	82	480937	19.35	ng/ul#	94
23) 2-Nitrophenol	9.75	139	108761	19.98	ng/ul#	48
24) 2,4-Dimethylphenol	9.80	107	246316	19.22	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.04	93	280025	18.72	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	187261	19.33	ng/ul	93
28) Naphthalene	10.68	128	598773	19.18	ng/ul	98
30) 4-Chloroaniline	10.80	127	234971	23.19	ng/ul	94
31) Hexachlorobutadiene	10.95	225	139079	19.24	ng/ul	98
32) Caprolactam	11.58	113	57562	18.20	ng/ul	82
33) 4-Chloro-3-methylphenol	11.92	107	207452	19.03	ng/ul#	89
34) 2-Methylnaphthalene	12.29	142	428344	19.41	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	242106	19.93 ng/ul#	93
37) Hexachlorocyclopentadiene	12.63	237	88538	13.38 ng/ul	92
38) 2,4,6-Trichlorophenol	12.90	196	153966	19.81 ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	152046	19.36 ng/ul	87
40) 1,1'-Biphenyl	13.30	154	542884	19.60 ng/ul	96
41) 2-Chloronaphthalene	13.35	162	421690	19.28 ng/ul	95
42) 2-Nitroaniline	13.57	65	165968	19.84 ng/ul#	67
44) Dimethylphthalate	13.93	163	518420	19.35 ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	107122	20.03 ng/ul#	70
47) Acenaphthylene	14.20	152	666457	19.70 ng/ul	99
48) 3-Nitroaniline	14.40	138	110156	20.84 ng/ul#	77
49) Acenaphthene	14.54	153	445481	19.57 ng/ul	98
50) 2,4-Dinitrophenol	14.61	184	44174	13.32 ng/ul#	63
52) 4-Nitrophenol	14.70	109	100545	18.01 ng/ul#	61
53) Dibenzofuran	14.88	168	643700	19.65 ng/ul	89
54) 2,4-Dinitrotoluene	14.86	165	150753	19.03 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.10	232	143286	19.85 ng/ul#	96
56) Diethylphthalate	15.30	149	533762	19.49 ng/ul	97
58) Fluorene	15.53	166	522248	19.22 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.52	204	267975	18.97 ng/ul#	89
60) 4-Nitroaniline	15.56	138	116110	20.06 ng/ul#	28
63) 4,6-Dinitro-2-methylphenol	15.62	198	77904	15.97 ng/ul#	85
64) N-Nitrosodiphenylamine	15.74	169	440384	19.81 ng/ul	97
65) 4-Bromophenyl-phenylether	16.42	248	167504	20.03 ng/ul#	88
66) Hexachlorobenzene	16.53	284	176496	19.23 ng/ul	95
67) Atrazine	16.69	200	171169	19.83 ng/ul	96
68) Pentachlorophenol	16.88	266	100011	17.68 ng/ul#	86
69) Phenanthrene	17.27	178	789600	19.34 ng/ul	99
71) Anthracene	17.36	178	838446	19.73 ng/ul	98
72) Carbazole	17.64	167	719722	19.28 ng/ul	99
73) Di-n-butylphthalate	18.19	149	890399	19.72 ng/ul#	97
74) Fluoranthene	19.29	202	975712	19.27 ng/ul#	90
77) Pyrene	19.65	202	1019855	19.64 ng/ul#	90
78) Butylbenzylphthalate	20.54	149	432817	20.19 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.33	252	359396	19.36 ng/ul	99
80) Benzo(a)anthracene	21.39	228	1027879	19.21 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.30	149	643234	20.29 ng/ul	99
82) Chrysene	21.44	228	935733	19.40 ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1124090	18.57 ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	1055123	18.84 ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	1003531	18.81 ng/ul#	98
88) Benzo(a)pyrene	23.63	252	1011592	18.74 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1204788	19.10 ng/ul#	88
90) Dibenzo(a,h)anthracene	26.10	278	1034791	19.41 ng/ul#	96
91) Benzo(g,h,i)perylene	26.82	276	1007465	19.54 ng/ul#	94

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

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