Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013363.D
Acq On : 13 Dec 2017 06:23
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 07:03:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02032

Manual Integrations APPROVED
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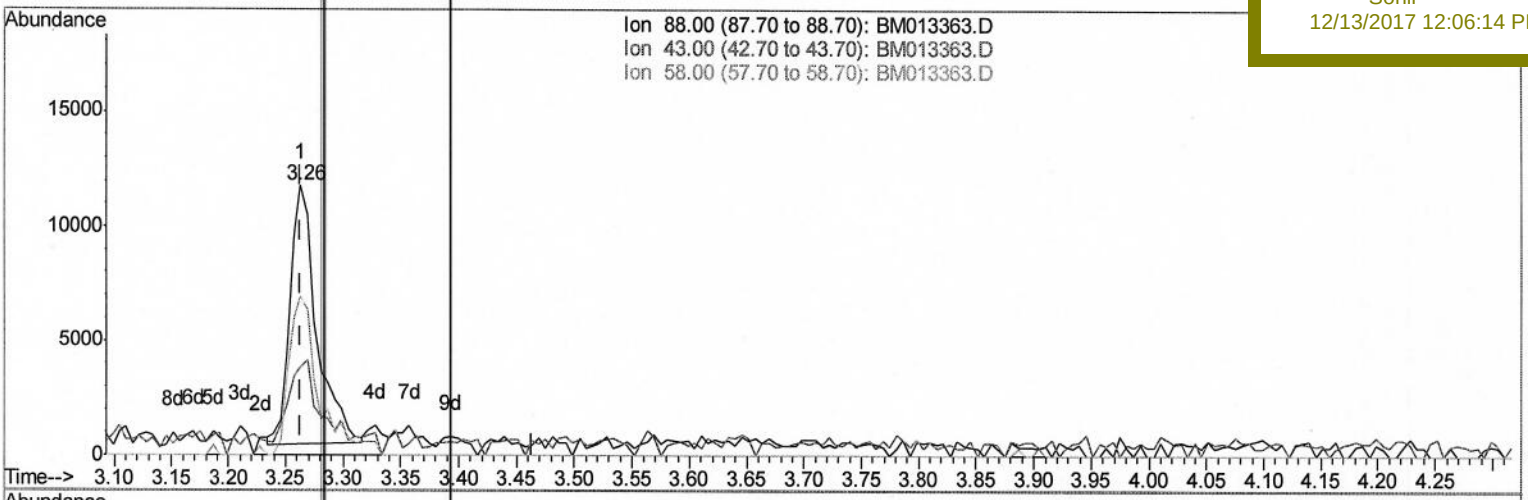

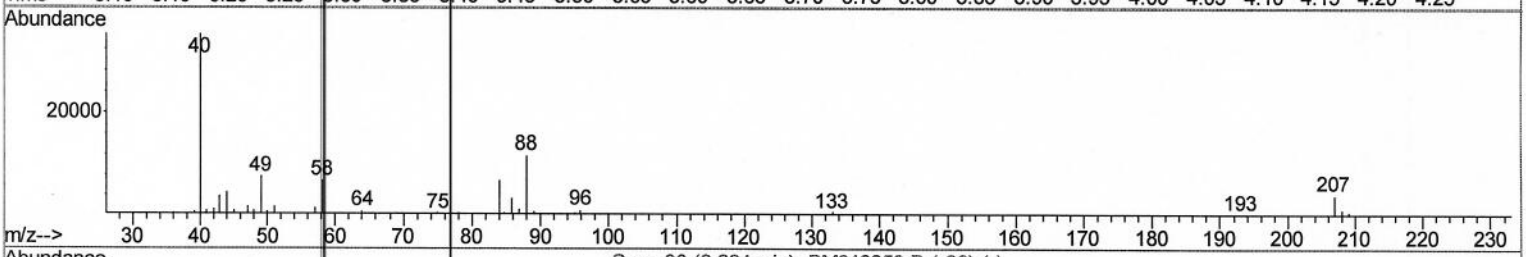

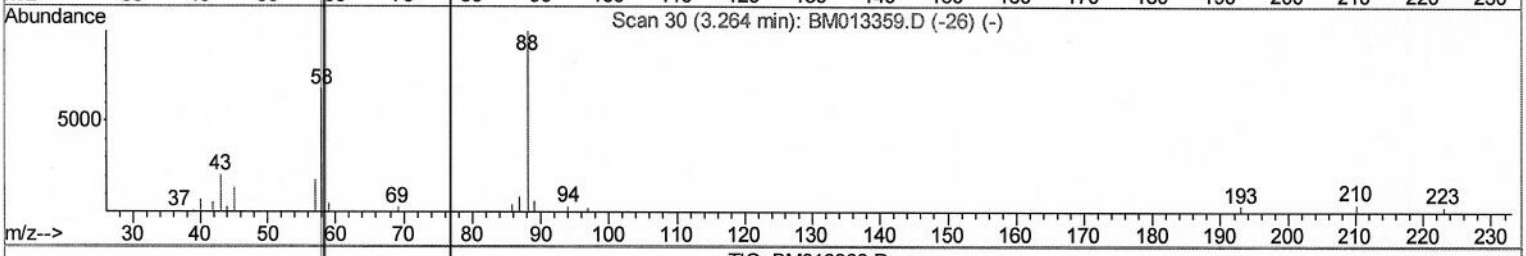

TIC: BM013363.D

(2) 1,4-Dioxane

3.263min (-0.000) 7.04ng/uL

response 18233

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	31.82#
58.00	100.00	65.47#
0.00	0.00	0.00

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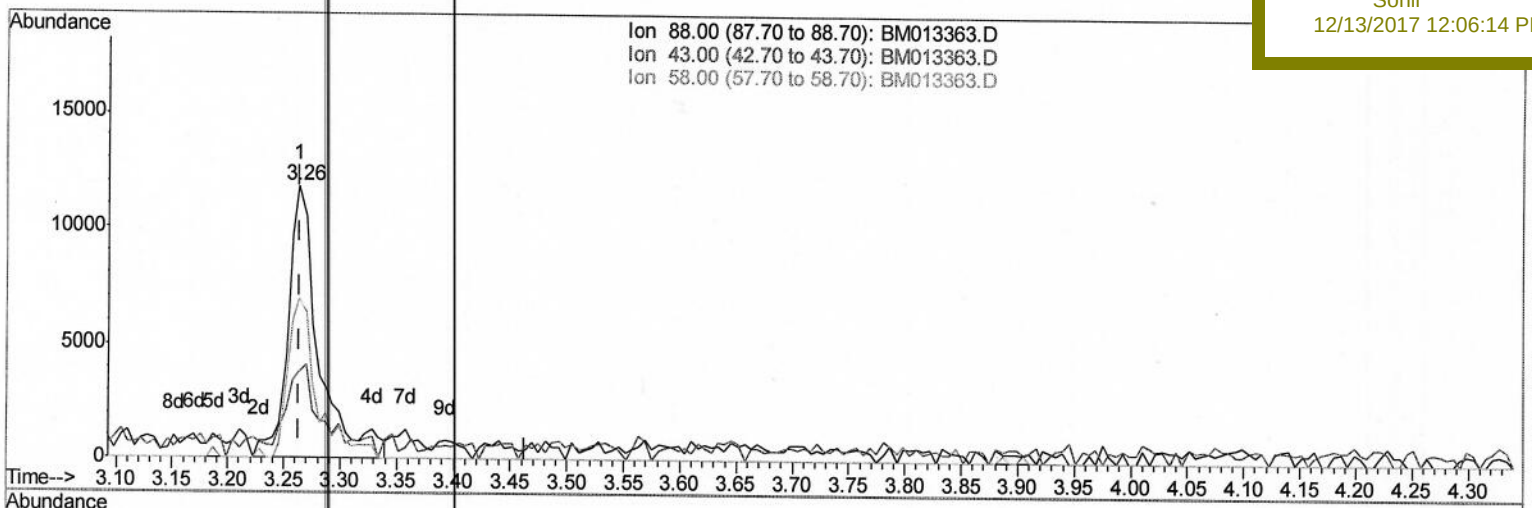

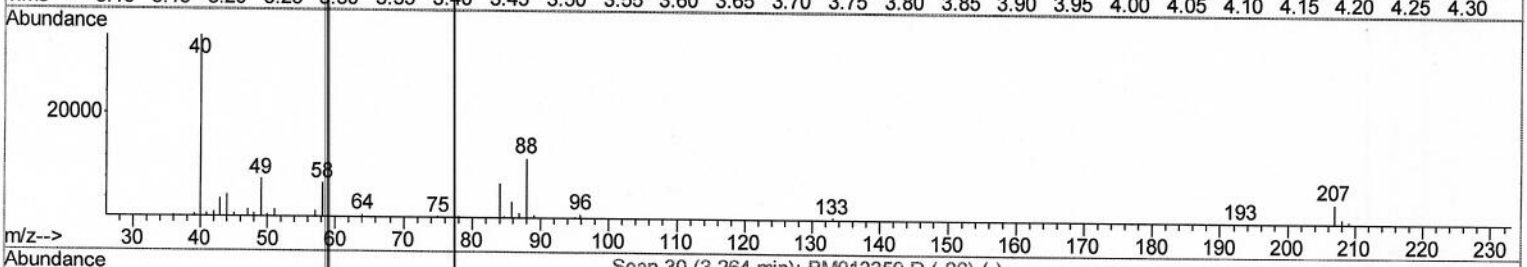

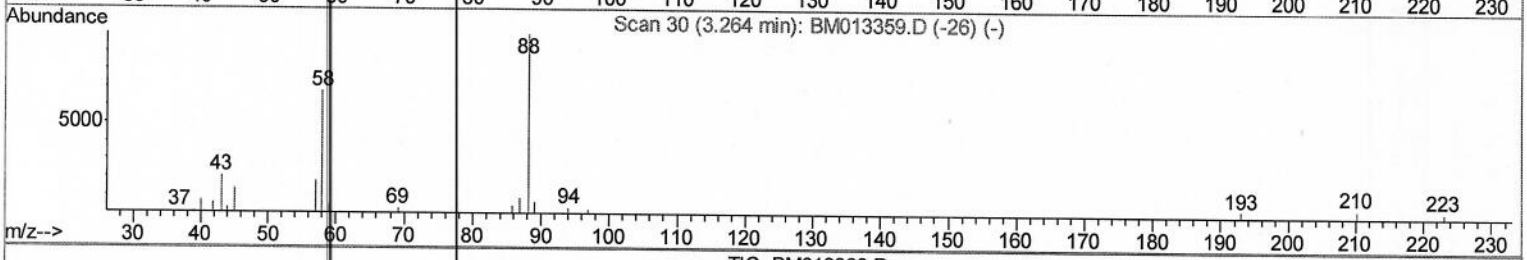

TIC: BM013363.D

(2) 1,4-Dioxane

3.263min (-0.000) 8.71ng/uL m

response 22551

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	25.73#
58.00	100.00	52.94#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	114230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	511170	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	332768	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	900048	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1204825	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1138876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	17815	7.72	ng/uL	0.00
5) Phenol-d5	6.86	99	188739	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	105580	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	154077	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	159880	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	76693	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	81240	18.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	170018	19.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	203057	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	557039	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	708549	19.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	101170	19.66	ng/ul	0.00
57) Fluorene-d10	15.32	176	512986	20.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	87175	15.40	ng/ul	0.00
70) Anthracene-d10	17.17	188	882610	19.58	ng/ul	0.00
76) Pyrene-d10	19.47	212	1103256	18.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1148601	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	22551m	8.709	ng/uL	
4) Benzaldehyde	6.83	77	98534	20.149	ng/ul	90
6) Phenol	6.89	94	186874	19.127	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.12	93	142816	19.118	ng/ul	97
10) 2-Chlorophenol	7.25	128	149843	19.787	ng/ul	96
11) 2-Methylphenol	8.13	108	144675	19.146	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.21	45	150758	19.220	ng/ul#	84
14) Acetophenone	8.50	105	237824	18.522	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.49	70	119171	18.425	ng/ul#	66
16) 4-Methylphenol	8.45	108	157218	19.456	ng/ul	98
17) Hexachloroethane	8.75	117	63722	19.327	ng/ul#	77
20) Nitrobenzene	8.88	77	191299	18.733	ng/ul	94
21) Isophorone	9.40	82	330425	18.389	ng/ul#	94
23) 2-Nitrophenol	9.59	139	86733	19.283	ng/ul#	75
24) 2,4-Dimethylphenol	9.65	107	186121	18.973	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	9.89	93	190641	18.128	ng/ul	97
27) 2,4-Dichlorophenol	10.12	162	163881	19.845	ng/ul	92
28) Naphthalene	10.52	128	517162	19.665	ng/ul	98
30) 4-Chloroaniline	10.63	127	198261	24.922	ng/ul	95
31) Hexachlorobutadiene	10.79	225	115637	19.331	ng/ul	92
32) Caprolactam	11.40	113	52518	19.898	ng/ul#	46
33) 4-Chloro-3-methylphenol	11.76	107	177320	19.574	ng/ul	88
34) 2-Methylnaphthalene	12.13	142	387021	19.576	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	228020	18.990 ng/ul	98
37) Hexachlorocyclopentadiene	12.48	237	99767	12.624 ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	144155	19.257 ng/ul	95
39) 2,4,5-Trichlorophenol	12.82	196	155000	19.493 ng/ul	94
40) 1,1'-Biphenyl	13.15	154	522887	18.592 ng/ul	99
41) 2-Chloronaphthalene	13.19	162	424243	19.227 ng/ul	99
42) 2-Nitroaniline	13.41	65	129335	20.007 ng/ul	94
44) Dimethylphthalate	13.79	163	536338	18.937 ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	110956	19.208 ng/ul	99
47) Acenaphthylene	14.04	152	656319	19.408 ng/ul	97
48) 3-Nitroaniline	14.24	138	113529	21.988 ng/ul	91
49) Acenaphthene	14.39	153	451755	19.610 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	49951	15.626 ng/ul	94
52) 4-Nitrophenol	14.56	109	101148	20.040 ng/ul#	77
53) Dibenzofuran	14.73	168	669630	19.690 ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	168413	20.043 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.96	232	148834	20.414 ng/ul#	89
56) Diethylphthalate	15.16	149	556885	19.604 ng/ul	95
58) Fluorene	15.38	166	557861	19.829 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	295428	19.347 ng/ul	95
60) 4-Nitroaniline	15.40	138	137451	22.564 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	88380	15.620 ng/ul	93
64) N-Nitrosodiphenylamine	15.59	169	491128	18.524 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	194118	18.347 ng/ul	95
66) Hexachlorobenzene	16.38	284	216367	18.544 ng/ul#	90
67) Atrazine	16.55	200	190701	19.487 ng/ul	93
68) Pentachlorophenol	16.73	266	120973	17.926 ng/ul	95
69) Phenanthrene	17.12	178	996017	19.479 ng/ul	98
71) Anthracene	17.21	178	1022432	19.562 ng/ul	98
72) Carbazole	17.48	167	902086	20.066 ng/ul	99
73) Di-n-butylphthalate	18.05	149	1021975	19.473 ng/ul	98
74) Fluoranthene	19.14	202	1321741	21.093 ng/ul#	93
77) Pyrene	19.50	202	1358732	18.563 ng/ul#	95
78) Butylbenzylphthalate	20.41	149	540798	18.909 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.19	252	464914	18.356 ng/ul#	95
80) Benzo(a)anthracene	21.25	228	1504664	19.683 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	799676	18.551 ng/ul	99
82) Chrysene	21.30	228	1398630	19.721 ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1395049	17.226 ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1503581	19.585 ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	1349078	18.673 ng/ul#	97
88) Benzo(a)pyrene	23.40	252	1346389	19.523 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1424625	20.819 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.74	278	1214416	20.842 ng/ul#	95
91) Benzo(g,h,i)perylene	26.41	276	1161857	21.525 ng/ul#	96

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

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