

Instrument :
BNA_M
LabSampleId :
SSTD02066

APPROVED

sohil
7/18/2016 7:27:07 PM

[illegible]

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM071516\
 Data File : BM006469.D
 Acq On : 16 Jul 2016 09:04
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations

sohil
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Quant Time: Jul 18 06:05:33 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 23:20:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	275950	20.26	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	131384	18.32	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	180418	20.40	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	187065	20.53	ng/ul	95
40) 1,1'-Biphenyl	13.10	154	672161	20.99	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	524846	20.95	ng/ul	100
42) 2-Nitroaniline	13.35	65	179982	21.01	ng/ul	95
44) Dimethylphthalate	13.73	163	657917	20.41	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	135211	21.11	ng/ul	98
47) Acenaphthylene	13.99	152	858507	20.98	ng/ul	99
48) 3-Nitroaniline	14.18	138	149908	24.84	ng/ul	100
49) Acenaphthene	14.33	153	545386	20.72	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	63430	17.43	ng/ul	96
52) 4-Nitrophenol	14.50	109	116978	18.72	ng/ul	95
53) Dibenzofuran	14.67	168	791025	20.64	ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	198160	20.70	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	167998	20.35	ng/ul	95
56) Diethylphthalate	15.10	149	675154	19.85	ng/ul	100
58) Fluorene	15.32	166	609130	19.87	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	296962	19.05	ng/ul	98
60) 4-Nitroaniline	15.35	138	164816	23.03	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.42	198	112845	20.51	ng/ul	93
64) N-Nitrosodiphenylamine	15.54	169	564649	21.51	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	205888	20.69	ng/ul	98
66) Hexachlorobenzene	16.33	284	226256	20.38	ng/ul	99
67) Atrazine	16.49	200	212617	21.92	ng/ul	96
68) Pentachlorophenol	16.67	266	109187	20.46	ng/ul	96
69) Phenanthrene	17.06	178	1028742	20.94	ng/ul	99
71) Anthracene	17.15	178	1065249	21.08	ng/ul	99
72) Carbazole	17.43	167	948547	22.20	ng/ul	100
73) Di-n-butylphthalate	17.99	149	1150099	19.68	ng/ul	100
74) Fluoranthene	19.09	202	1231583	21.57	ng/ul	97
77) Pylene	19.45	202	1303525	21.48	ng/ul	97
78) Butylbenzylphthalate	20.36	149	558727	20.94	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.14	252	433650	21.91	ng/ul	96
80) Benzo(a)anthracene	21.20	228	1292984	20.85	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.14	149	741962	20.03	ng/ul	97
82) Chrysene	21.26	228	1193506	20.44	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	1455865	22.32	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1404343	21.00	ng/ul	99
86) Benzo(k)fluoranthene	22.81	252	1312262	20.86	ng/ul	100
88) Benzo(a)pyrene	23.33	252	1356353	21.17	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	1573339	21.10	ng/ul	99
90) Dibenzo(a,h)anthracene	25.63	278	1308704	21.12	ng/ul	98
91) Benzo(a,h,i)perylene	26.29	276	1371572	20.82	ng/ul	99

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

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1) 1,4-Dichlorobenzene-d4	7.62	152	161879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	683254	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	388274	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	893384	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1016200	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	1119196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	32673	8.50	ng/uL	0.00
5) Phenol-d5	6.80	99	299503	22.58	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.96	67	180890	22.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	232204	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	233561	22.16	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	108284	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	119058	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	222300	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	294103	25.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	647392	20.37	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	825000	21.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	119271	21.61	ng/ul	0.00
57) Fluorene-d10	15.27	176	565372	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	102257	19.79	ng/ul	0.00
70) Anthracene-d10	17.12	188	873519	20.69	ng/ul	0.00
76) Pyrene-d10	19.42	212	984706	21.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1075741	21.02	ng/ul	0.00

Target Compounds

Ovalue

2) 1,4-Dioxane	3.17	88	34710	8.43	ng/uL#	19
4) Benzaldehyde	6.76	77	195681	24.42	ng/ul	98
6) Phenol	6.82	94	314449	22.49	ng/ul	98
8) Bis-(2-Chloroethyl) ether	7.05	93	238473	23.14	ng/ul	97
10) 2-Chlorophenol	7.18	128	240696	21.80	ng/ul	99
11) 2-Methylphenol	8.06	108	230870	22.17	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	352006	21.01	ng/ul	99
14) Acetophenone	8.43	105	364471	21.96	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	190302	21.72	ng/ul	100
16) 4-Methylphenol	8.39	108	254990	22.65	ng/ul	100
17) Hexachloroethane	8.68	117	97467	20.75	ng/ul	94
20) Nitrobenzene	8.82	77	285324	20.69	ng/ul	97
21) Isophorone	9.33	82	511520	20.78	ng/ul	100
23) 2-Nitrophenol	9.52	139	133571	20.75	ng/ul	100
24) 2,4-Dimethylphenol	9.59	107	279008	20.04	ng/ul	98
25) Bis-(2-Chloroethoxy) methane	9.82	93	313701	21.30	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	223844	20.08	ng/ul	99
28) Naphthalene	10.45	128	727891	20.99	ng/ul	98
30) 4-Chloroaniline	10.56	127	306230	25.44	ng/ul	99
31) Hexachlorobutadiene	10.73	225	141893	18.64	ng/ul	96
32) Caprolactam	11.32	113	75307m	21.27	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	249730	20.00	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	526611	20.15	ng/ul	99

U.A.
 07/18/16

Quantitation Report (Qedit)

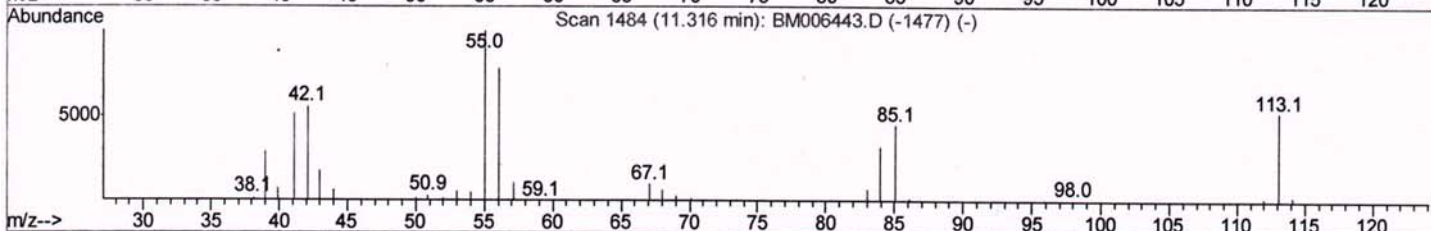
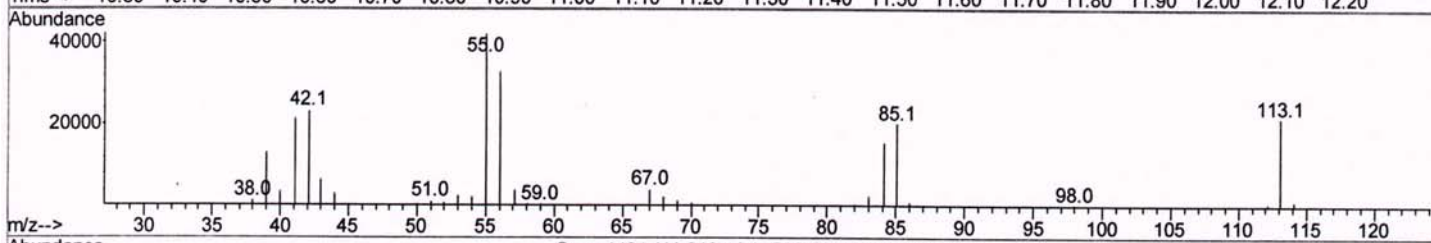
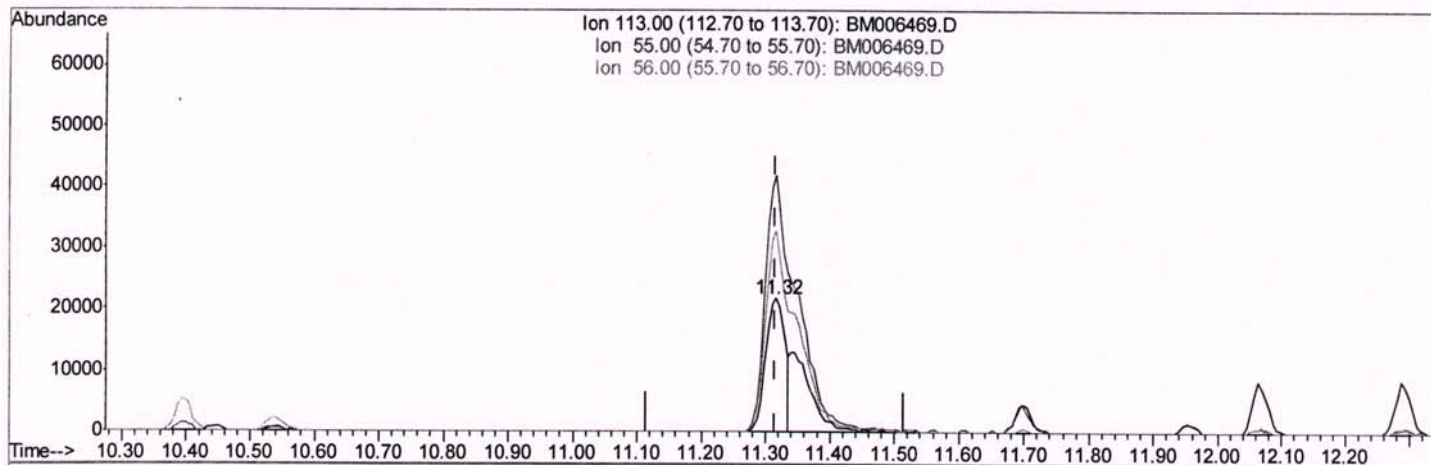
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TIC: BM006469.D

(32) Caprolactam

11.316min (+0.000) 12.68ng/ul

response 44896

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	193.44
56.00	150.60	151.03
0.00	0.00	0.00

Quantitation Report (Qedit)

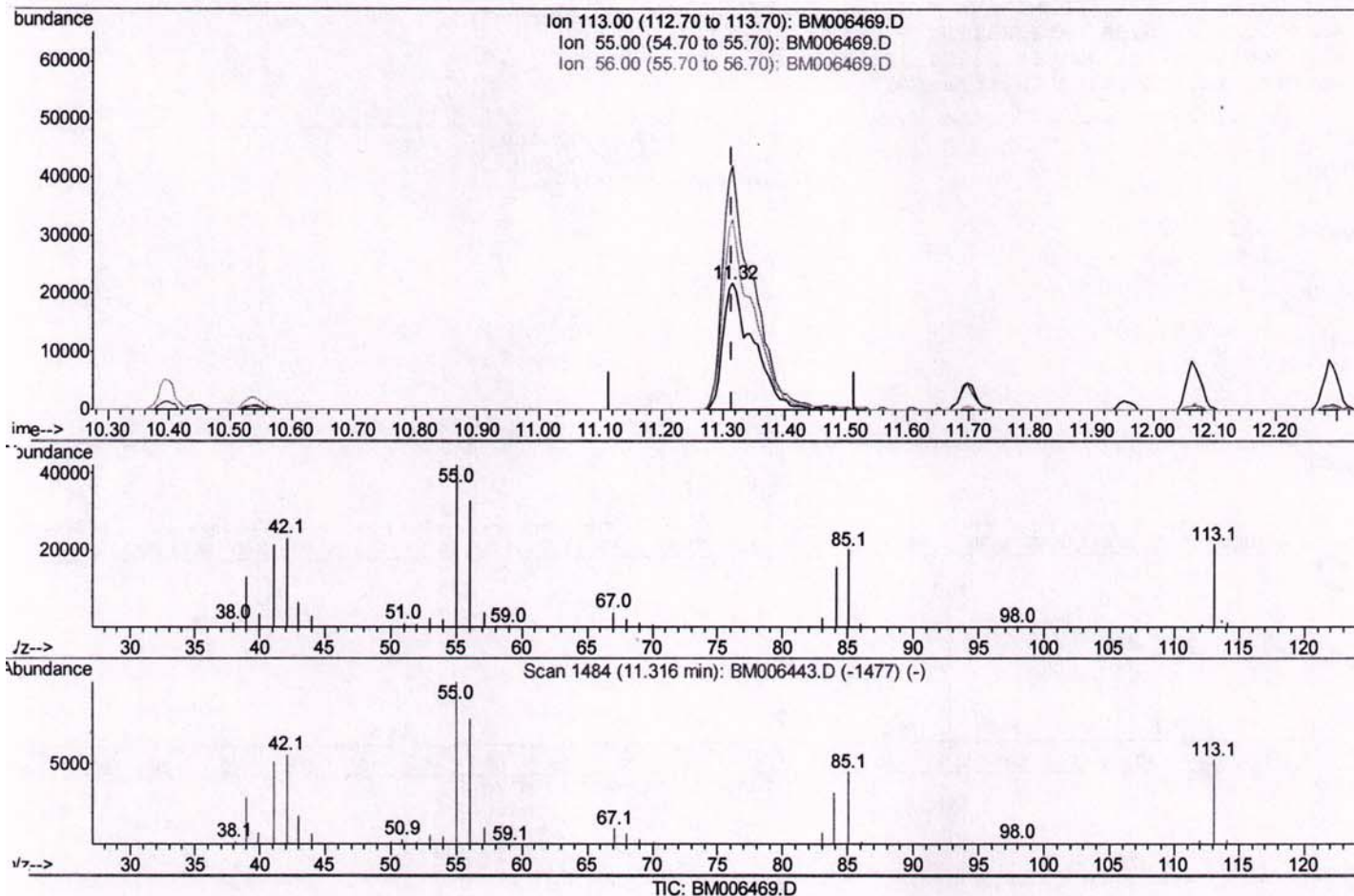
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(32) Caprolactam

11.316min (+0.000) 21.27ng/ul m

response 75307

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	193.44
56.00	150.60	151.03
0.00	0.00	0.00

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07/16/16