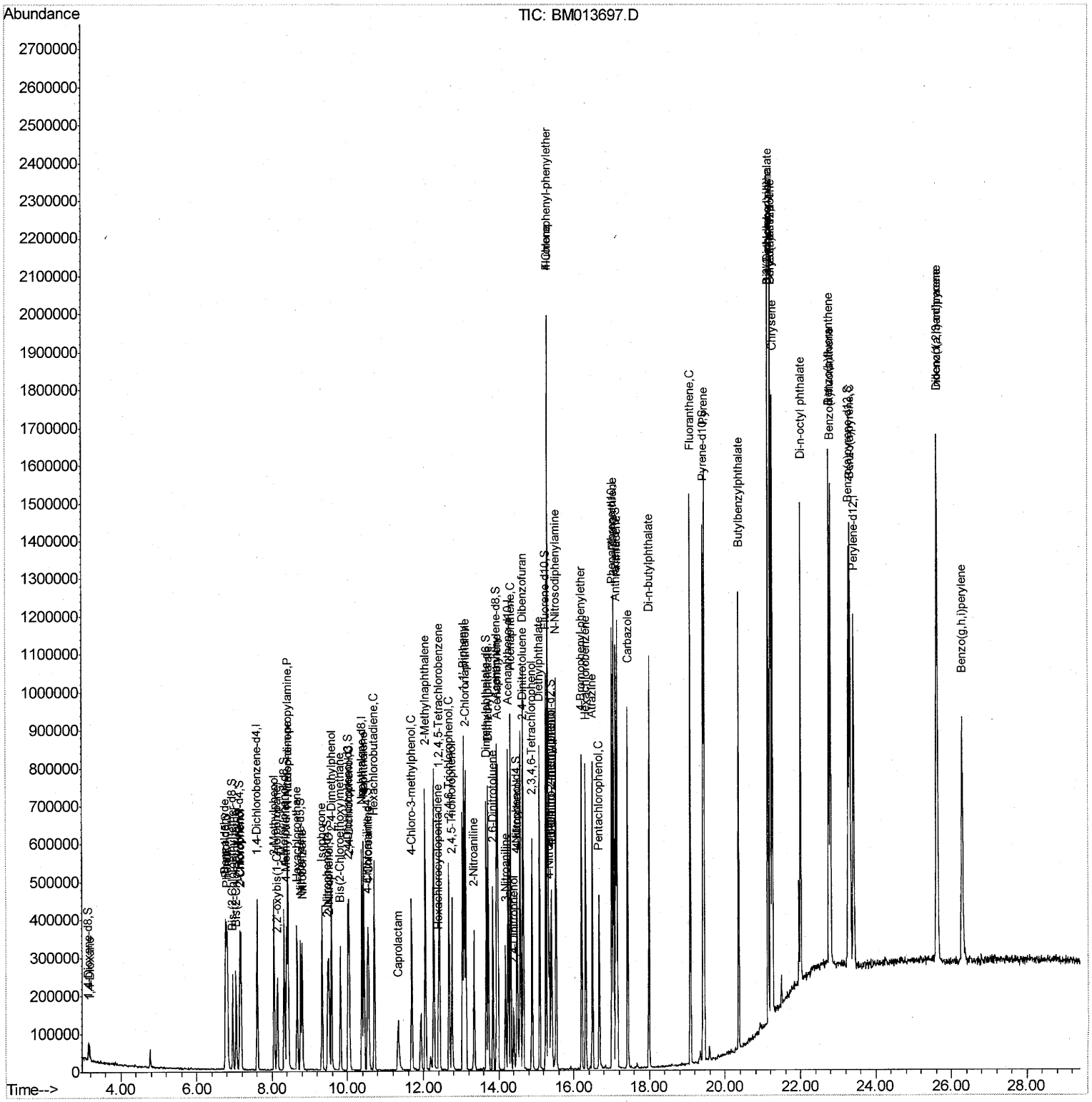
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013697.D
Acq On : 22 Jan 2018 17:01
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 22 18:03:52 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 02:14:14 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02033

Manual Integrations APPROVED
Sohil
1/23/2018 12:49:30 PM



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Data File : BM013697.D
Acq On : 22 Jan 2018 17:01
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 22 17:43:07 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 02:14:14 2018
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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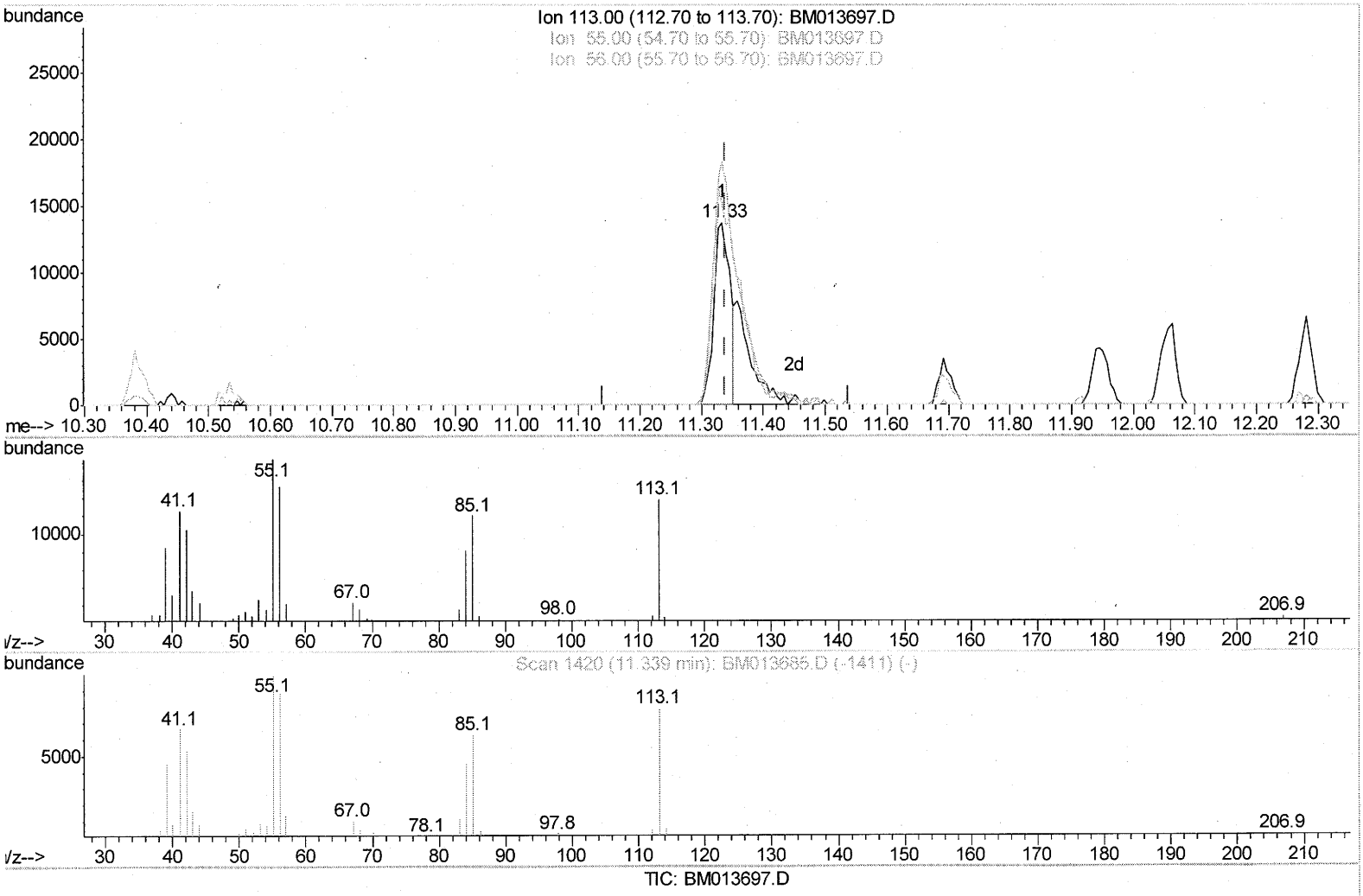

(32) Caprolactam

11.333min (-0.006) 13.38ng/ul

response 25504

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	132.99#
56.00	200.00	110.70#
0.00	0.00	0.00

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Sohil
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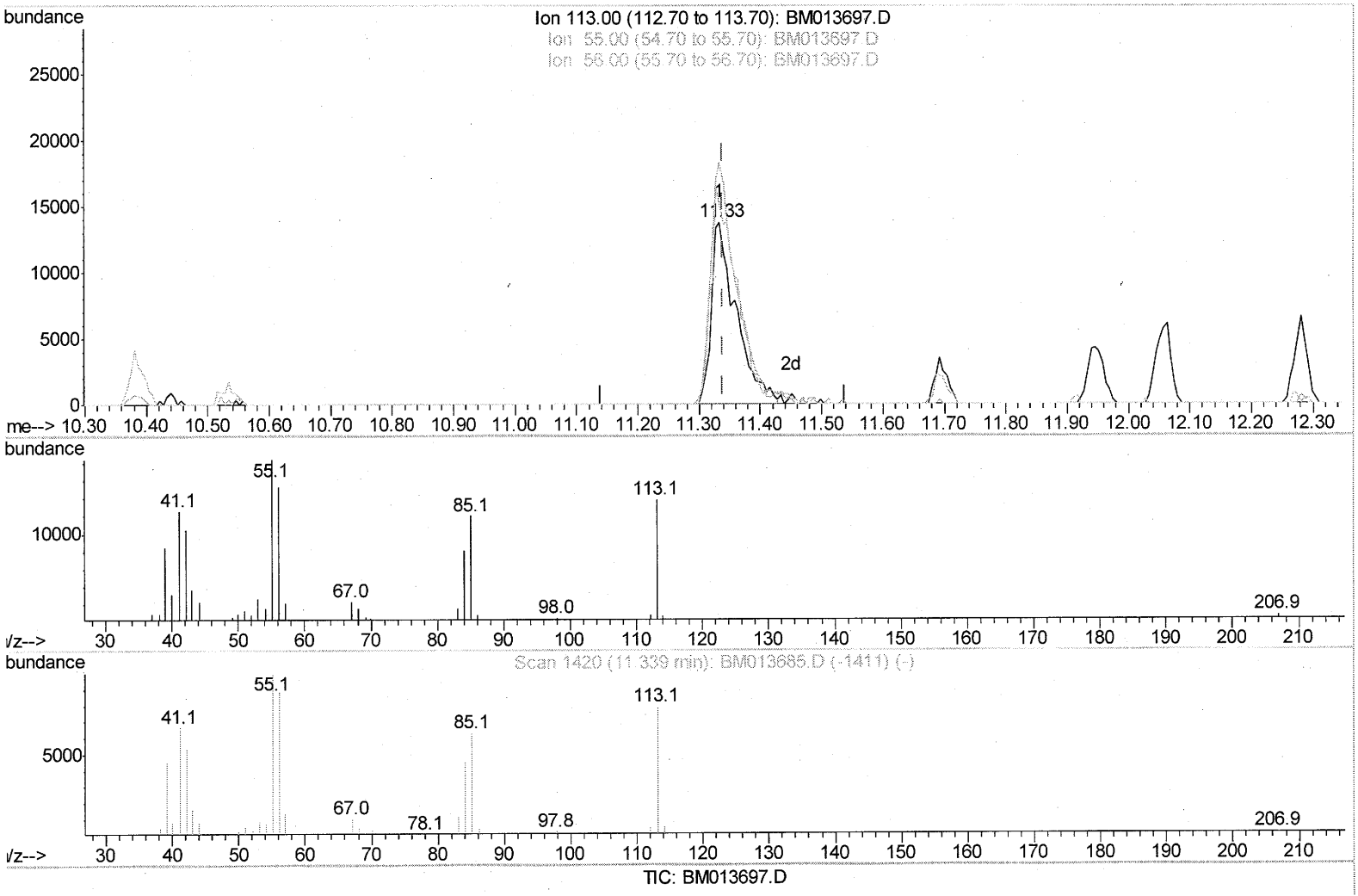

(32) Caprolactam

11.333min (-0.006) 20.46ng/ul m JU 01/26/18

response 38996

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	132.99#
56.00	200.00	110.70#
0.00	0.00	0.00

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Manual Integrations
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	109347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	448877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	260245	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	620696	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	716927	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	705463	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	19639	7.10	ng/uL	0.00
5) Phenol-d5	6.79	99	171865	20.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	98283	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	145103	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	134233	20.80	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	72823	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	76018	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	143989	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	150916	24.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	431243	20.11	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	564388	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	69400	19.91	ng/ul	0.00
57) Fluorene-d10	15.26	176	391652	20.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	70439	18.85	ng/ul	0.00
70) Anthracene-d10	17.12	188	631869	20.90	ng/ul	0.00
76) Pyrene-d10	19.42	212	703412	21.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	683167	21.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	20658	6.816	ng/uL#	60
4) Benzaldehyde	6.77	77	123236	21.213	ng/ul	92
6) Phenol	6.82	94	172655	20.506	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.05	93	132885	20.169	ng/ul	94
10) 2-Chlorophenol	7.17	128	142142	20.850	ng/ul	99
11) 2-Methylphenol	8.06	108	131227	21.144	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.15	45	132330	19.739	ng/ul#	75
14) Acetophenone	8.43	105	219288	20.535	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.42	70	106877	20.514	ng/ul#	72
16) 4-Methylphenol	8.39	108	140135	21.117	ng/ul	95
17) Hexachloroethane	8.67	117	64608	19.470	ng/ul#	69
20) Nitrobenzene	8.81	77	175841	19.543	ng/ul	94
21) Isophorone	9.33	82	281855	19.388	ng/ul#	95
23) 2-Nitrophenol	9.52	139	80730	21.048	ng/ul#	75
24) 2,4-Dimethylphenol	9.58	107	162738	20.124	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	9.82	93	173089	19.530	ng/ul	95
27) 2,4-Dichlorophenol	10.05	162	140503	20.505	ng/ul#	87
28) Naphthalene	10.44	128	462098	20.693	ng/ul	98
30) 4-Chloroaniline	10.56	127	153254	25.055	ng/ul	100
31) Hexachlorobutadiene	10.72	225	112576	20.015	ng/ul	93
32) Caprolactam	11.33	113	38996m	20.458	ng/ul	97
33) 4-Chloro-3-methylphenol	11.69	107	145604	20.962	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	340950	20.478	ng/ul	97

JU 01/26/18

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	197825	20.515 ng/ul	95
37) Hexachlorocyclopentadiene	12.40	237	58545	14.624 ng/ul	89
38) 2,4,6-Trichlorophenol	12.69	196	119355	21.383 ng/ul	91
39) 2,4,5-Trichlorophenol	12.76	196	125168	21.551 ng/ul	98
40) 1,1'-Biphenyl	13.09	154	449028	20.728 ng/ul	96
41) 2-Chloronaphthalene	13.13	162	353293	20.863 ng/ul	93
42) 2-Nitroaniline	13.35	65	96521	20.663 ng/ul	95
44) Dimethylphthalate	13.73	163	429159	20.350 ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	85940	21.029 ng/ul	93
47) Acenaphthylene	13.98	152	524275	20.949 ng/ul	99
48) 3-Nitroaniline	14.19	138	70227	21.850 ng/ul#	90
49) Acenaphthene	14.33	153	355616	20.518 ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	33924	14.481 ng/ul#	90
52) 4-Nitrophenol	14.50	109	67659	19.107 ng/ul#	82
53) Dibenzofuran	14.66	168	526192	20.181 ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	127756	21.445 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.90	232	116096	21.251 ng/ul	94
56) Diethylphthalate	15.10	149	422819	19.923 ng/ul	97
58) Fluorene	15.32	166	445712	20.868 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	234651	20.332 ng/ul	100
60) 4-Nitroaniline	15.35	138	79660	21.183 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.42	198	72499	18.384 ng/ul#	99
64) N-Nitrosodiphenylamine	15.53	169	370276	20.283 ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	149181	20.349 ng/ul	97
66) Hexachlorobenzene	16.32	284	159855	20.257 ng/ul	95
67) Atrazine	16.49	200	141484	19.419 ng/ul#	93
68) Pentachlorophenol	16.67	266	78739	18.777 ng/ul	94
69) Phenanthrene	17.06	178	720894	20.894 ng/ul	99
71) Anthracene	17.14	178	725759	20.394 ng/ul	99
72) Carbazole	17.43	167	600862	20.455 ng/ul	100
73) Di-n-butylphthalate	17.99	149	680104	19.685 ng/ul	97
74) Fluoranthene	19.08	202	862386	20.940 ng/ul#	95
77) Pyrene	19.44	202	904751	20.759 ng/ul#	94
78) Butylbenzylphthalate	20.36	149	318367	20.737 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.14	252	265725	22.405 ng/ul#	96
80) Benzo(a)anthracene	21.20	228	901996	20.822 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	432986	18.797 ng/ul#	97
82) Chrysene	21.25	228	806949	20.305 ng/ul	99
84) Di-n-octyl phthalate	22.00	149	743837	17.496 ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	906971	20.935 ng/ul#	99
86) Benzo(k)fluoranthene	22.80	252	879674	21.007 ng/ul#	98
88) Benzo(a)pyrene	23.32	252	848043	20.721 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	983860	20.365 ng/ul#	93
90) Dibenzo(a,h)anthracene	25.61	278	827386	20.280 ng/ul#	95
91) Benzo(g,h,i)perylene	26.29	276	806291	20.278 ng/ul#	97

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