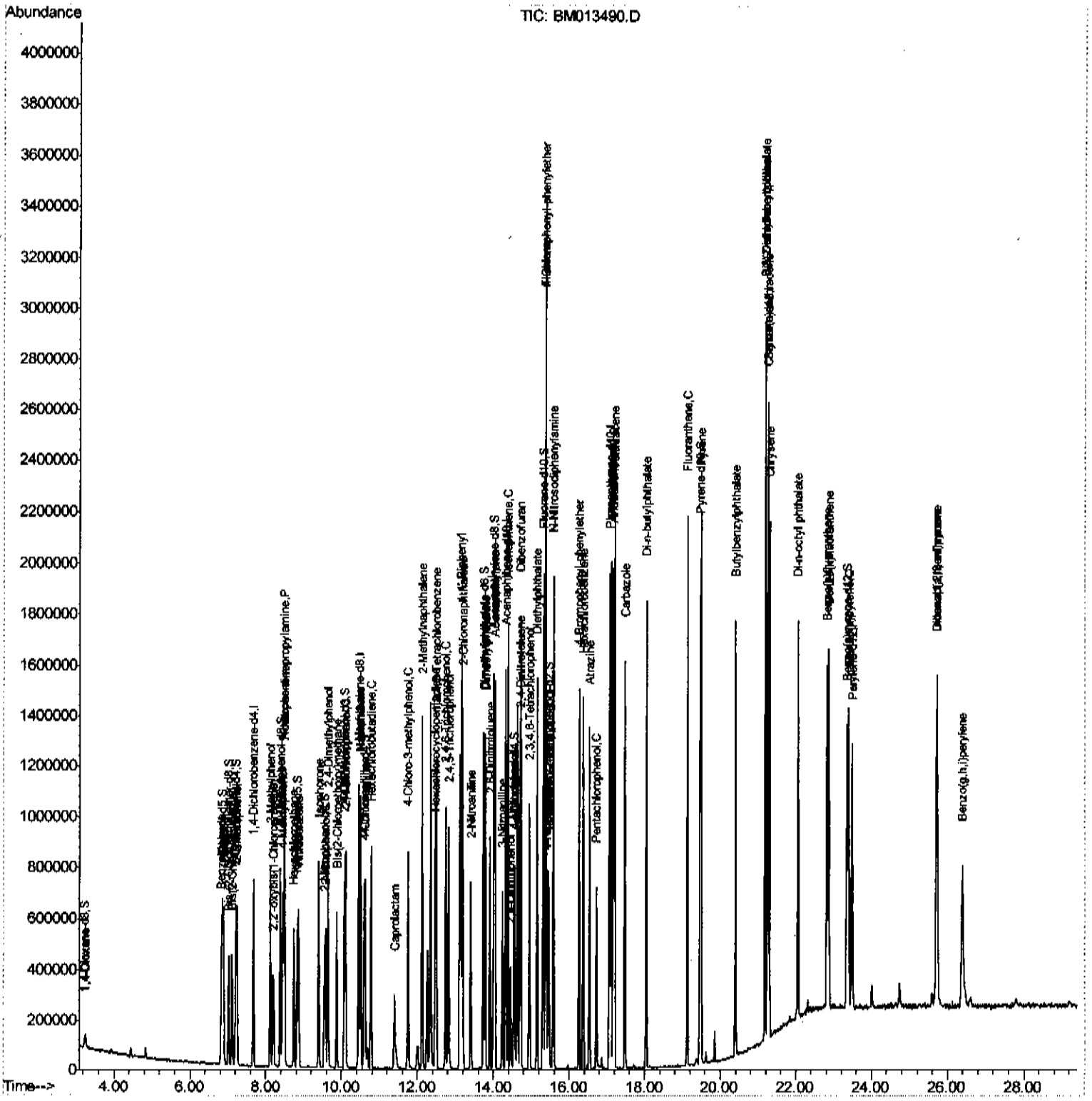
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
Data File : BM013490.D
Acq On : 18 Dec 2017 10:02
Operator : SJ/JU
Sample : $STDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 18 14:27:41 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02045

Manual Integrations APPROVED
Sohil
12/19/2017 4:56:10 PM



Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
Data File : BM013490.D
Acq On : 18 Dec 2017 10:02
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 18 14:09:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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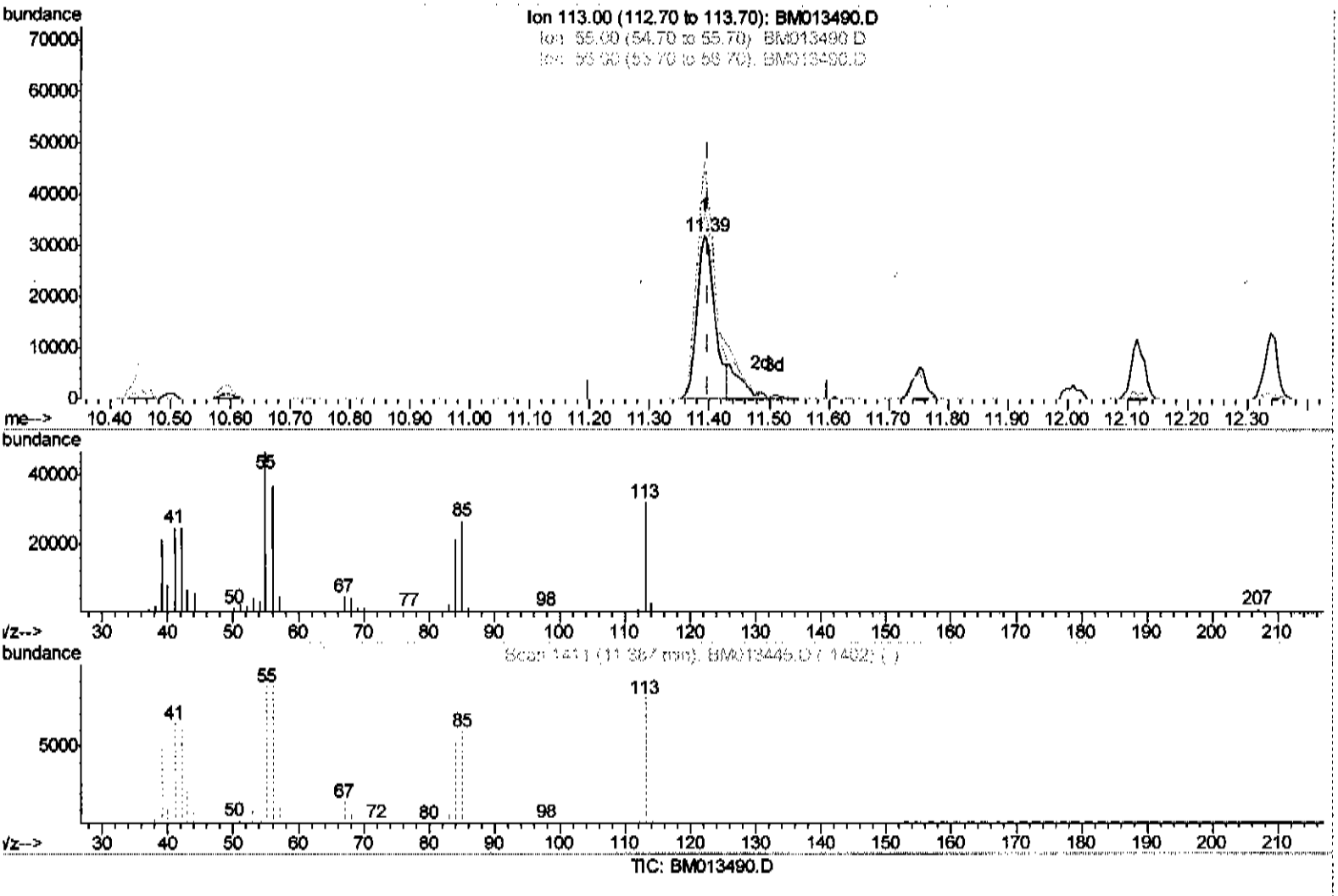

TIC: BM013490.D

(32) Caprolactam

11.392min (-0.006) 15.17ng/ul

response 65841

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	146.15#
56.00	200.00	114.77#
0.00	0.00	0.00

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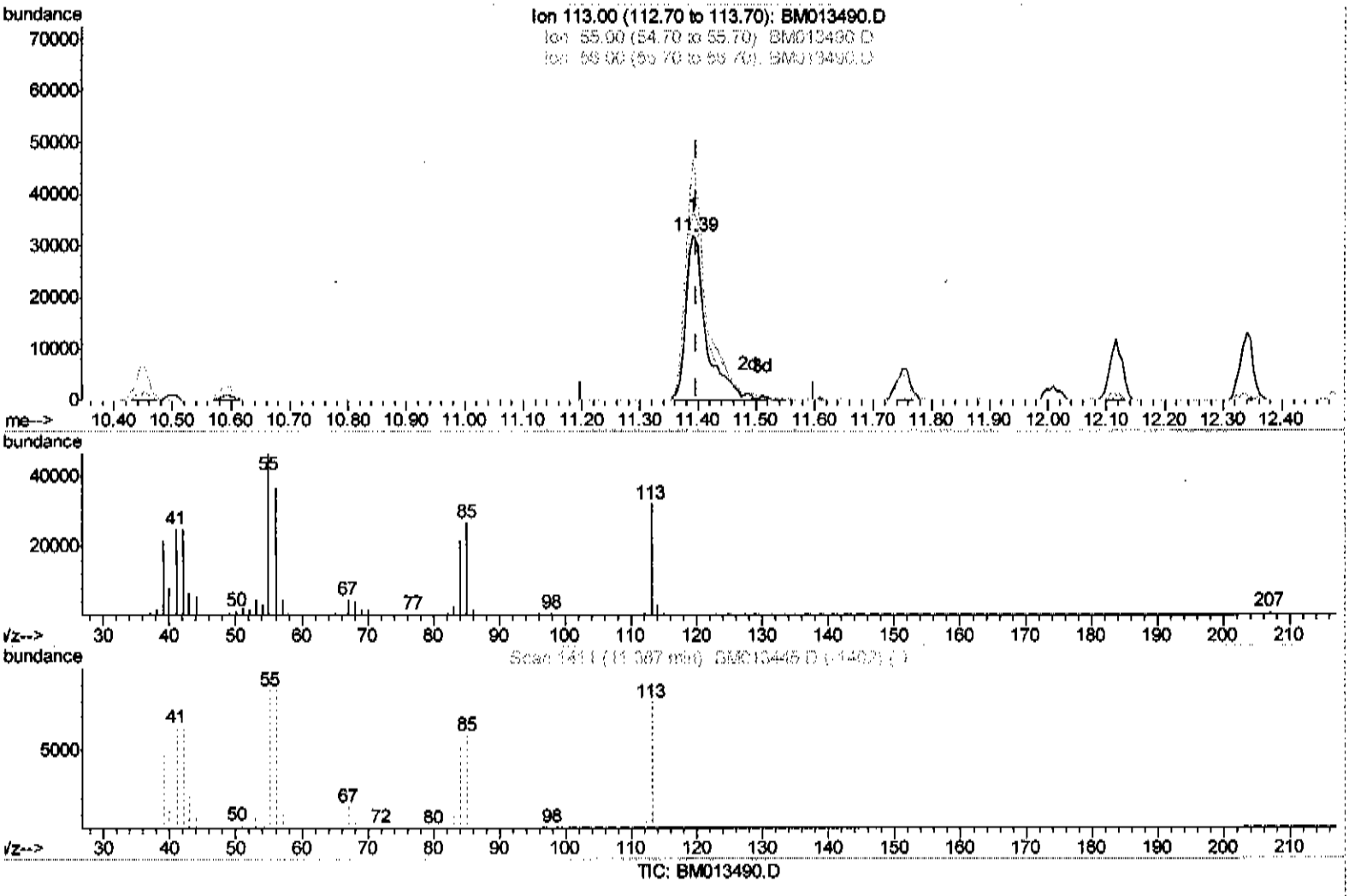
Manual Integrations APPROVED
Sohil
12/19/2017 4:56:10 PM



TIC: BM013490.D

(32) Caprolactam

11.392min (-0.006) 17.81ng/ul m 12/19/17

response 77272

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	146.15#
56.00	200.00	114.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121817\
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	189282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	840340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	504058	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1137889	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	864532	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	741919	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	28758	7.53	ng/uL	0.00
5) Phenol-d5	6.85	99	314447	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	176793	18.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	252687	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	261846	18.72	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	132248	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	143464	20.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	286870	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	321358	23.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	852125	19.00	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1099950	19.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	117455	15.07	ng/ul	0.00
57) Fluorene-d10	15.31	176	747825	19.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	110485	15.43	ng/ul	0.00
70) Anthracene-d10	17.16	188	1118038	19.62	ng/ul	0.00
76) Pyrene-d10	19.46	212	1022650	23.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	737574	19.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	29222	6.811	ng/uL#	72
4) Benzaldehyde	6.83	77	164809	20.338	ng/ul	86
6) Phenol	6.88	94	304569	18.813	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.11	93	236510	19.107	ng/ul	98
10) 2-Chlorophenol	7.24	128	243952	19.441	ng/ul	98
11) 2-Methylphenol	8.12	108	234695	18.744	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	259322	19.952	ng/ul#	82
14) Acetophenone	8.49	105	400067	18.803	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.48	70	197750	18.451	ng/ul#	69
16) 4-Methylphenol	8.45	108	256107	19.127	ng/ul	88
17) Hexachloroethane	8.73	117	97500	17.847	ng/ul#	78
20) Nitrobenzene	8.87	77	317803	18.931	ng/ul	93
21) Isophorone	9.39	82	551109	18.657	ng/ul	94
23) 2-Nitrophenol	9.57	139	145224	19.640	ng/ul#	83
24) 2,4-Dimethylphenol	9.64	107	303365	18.811	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.87	93	332354	19.225	ng/ul	96
27) 2,4-Dichlorophenol	10.10	162	259993	19.151	ng/ul#	89
28) Naphthalene	10.50	128	839301	19.413	ng/ul	99
30) 4-Chloroaniline	10.62	127	308615	23.598	ng/ul	95
31) Hexachlorobutadiene	10.78	225	182221	18.530	ng/ul	96
32) Caprolactam	11.39	113	77272m	17.809	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	277512	18.634	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	627002	19.292	ng/ul	95

SJ 12/19/17

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Instrument :
BNA_M
LabSampleId :
SSTD02045

Manual Integrations APPROVED
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12/19/2017 4:56:10 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	360954	19.845 ng/ul#	96
37) Hexachlorocyclopentadiene	12.46	237	210210	17.559 ng/ul	94
38) 2,4,6-Trichlorophenol	12.74	196	229775	20.264 ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	240618	19.977 ng/ul	94
40) 1,1'-Biphenyl	13.15	154	855584	20.084 ng/ul	96
41) 2-Chloronaphthalene	13.19	162	668234	19.994 ng/ul	99
42) 2-Nitroaniline	13.40	65	191976	19.606 ng/ul	96
44) Dimethylphthalate	13.78	163	808100	18.836 ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	168972	19.312 ng/ul	99
47) Acenaphthylene	14.03	152	999251	19.508 ng/ul	98
48) 3-Nitroaniline	14.23	138	159030	20.334 ng/ul#	88
49) Acenaphthene	14.38	153	689619	19.763 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	82725	17.085 ng/ul	95
52) 4-Nitrophenol	14.55	109	112069	14.658 ng/ul#	82
53) Dibenzofuran	14.72	168	1013083	19.666 ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	243186	19.106 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.95	232	206007	18.654 ng/ul	92
56) Diethylphthalate	15.15	149	805141	18.712 ng/ul	96
58) Fluorene	15.37	166	803049	18.844 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.36	204	445495	19.261 ng/ul	99
60) 4-Nitroaniline	15.40	138	160552	17.399 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.46	198	112460	15.721 ng/ul#	89
64) N-Nitrosodiphenylamine	15.58	169	696611	20.782 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	277904	20.776 ng/ul	96
66) Hexachlorobenzene	16.37	284	285185	19.333 ng/ul#	88
67) Atrazine	16.54	200	236936	19.151 ng/ul#	89
68) Pentachlorophenol	16.72	266	130036	15.241 ng/ul	97
69) Phenanthrene	17.11	178	1230076	19.028 ng/ul	99
71) Anthracene	17.20	178	1255886	19.006 ng/ul	99
72) Carbazole	17.47	167	1002142	17.632 ng/ul	100
73) Di-n-butylphthalate	18.04	149	1257960	18.959 ng/ul	99
74) Fluoranthene	19.13	202	1282063	16.183 ng/ul#	92
77) Pyrene	19.49	202	1250277	23.804 ng/ul#	91
78) Butylbenzylphthalate	20.40	149	458075	22.321 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.18	252	284625	15.661 ng/ul	98
80) Benzo(a)anthracene	21.24	228	1072049	19.544 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	639788	20.684 ng/ul	97
82) Chrysene	21.29	228	964974	18.962 ng/ul	99
84) Di-n-octyl phthalate	22.05	149	977487	18.528 ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	935531	18.705 ng/ul#	96
86) Benzo(k)fluoranthene	22.86	252	943628	20.049 ng/ul#	97
88) Benzo(a)pyrene	23.38	252	876654	19.513 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	952784	21.373 ng/ul#	93
90) Dibenzo(a,h)anthracene	25.71	278	799379	21.060 ng/ul#	95
91) Benzo(g,h,i)perylene	26.39	276	744491	21.173 ng/ul#	96

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