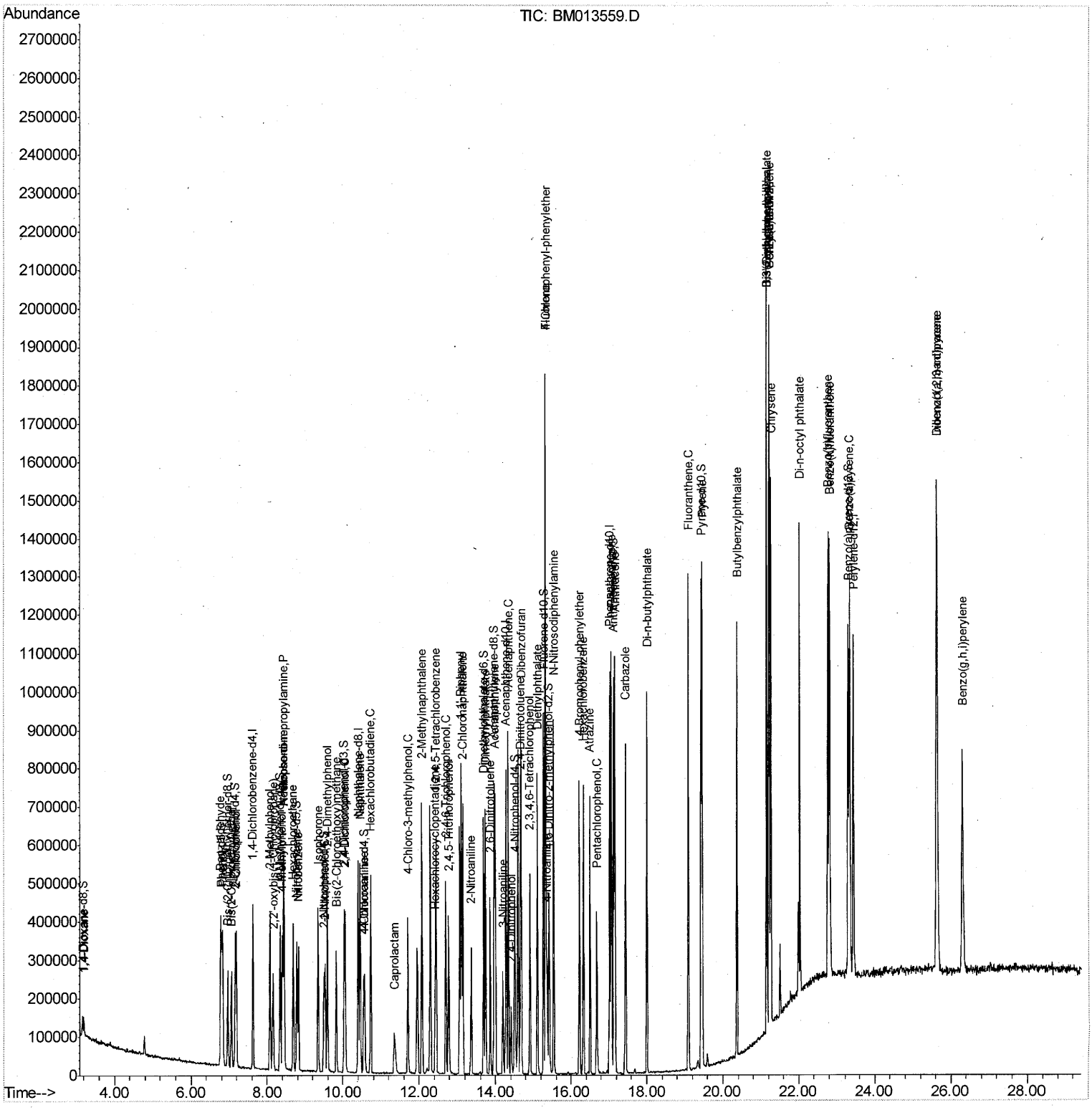
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013559.D
Acq On : 10 Jan 2018 10:25
Operator : SJ/JU
Sample : SSTD02010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 10 12:26:44 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 12:03:11 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:11 PM



Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013559.D
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Instrument :
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ClientSampleId :
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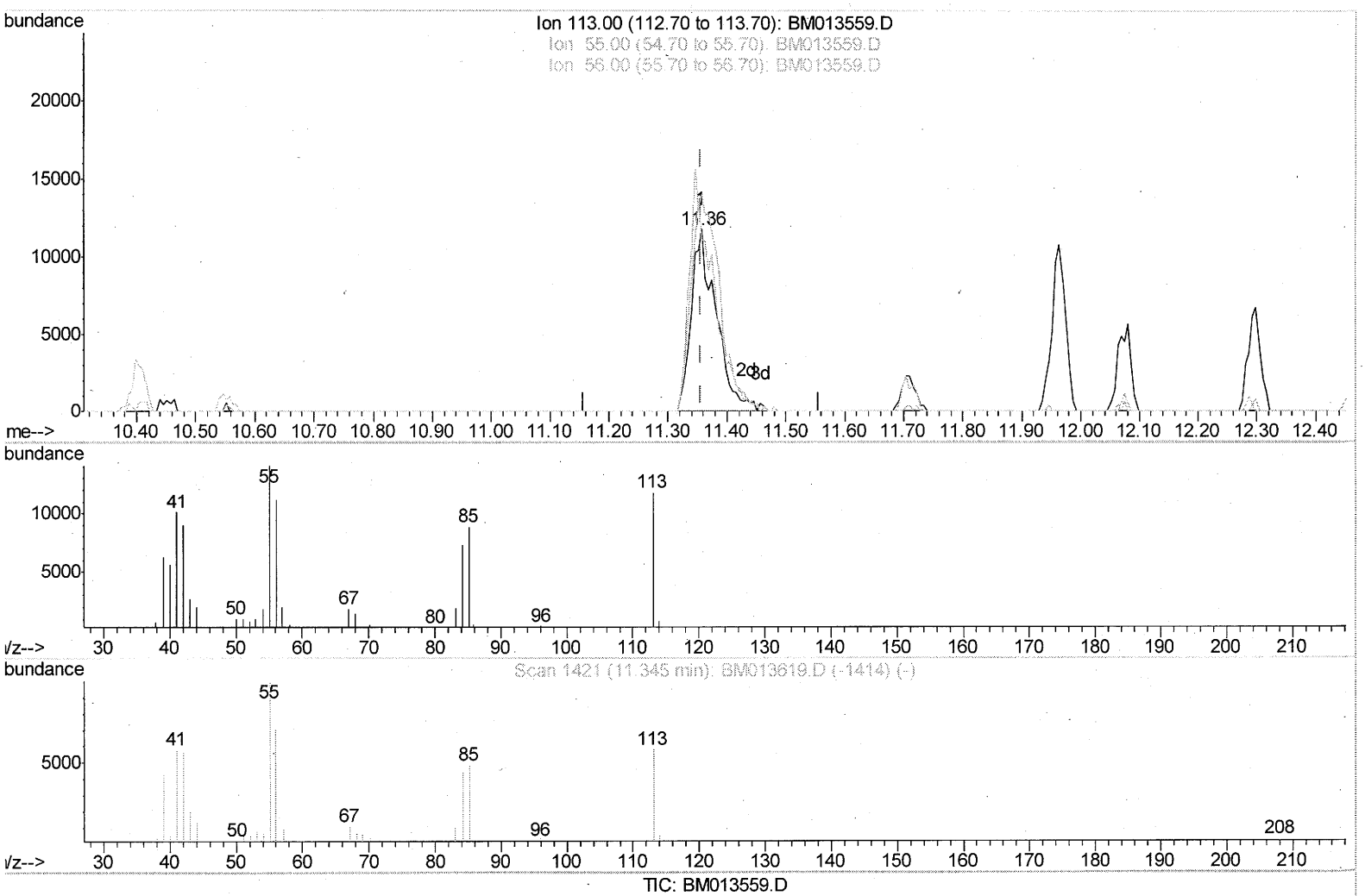
Manual Integrations APPROVED
Sohil
1/10/2018 5:55:11 PM



TIC: BM013559.D

(32) Caprolactam

11.357min (0.000) 15.82ng/ul m JU 01/18/18

response 34497

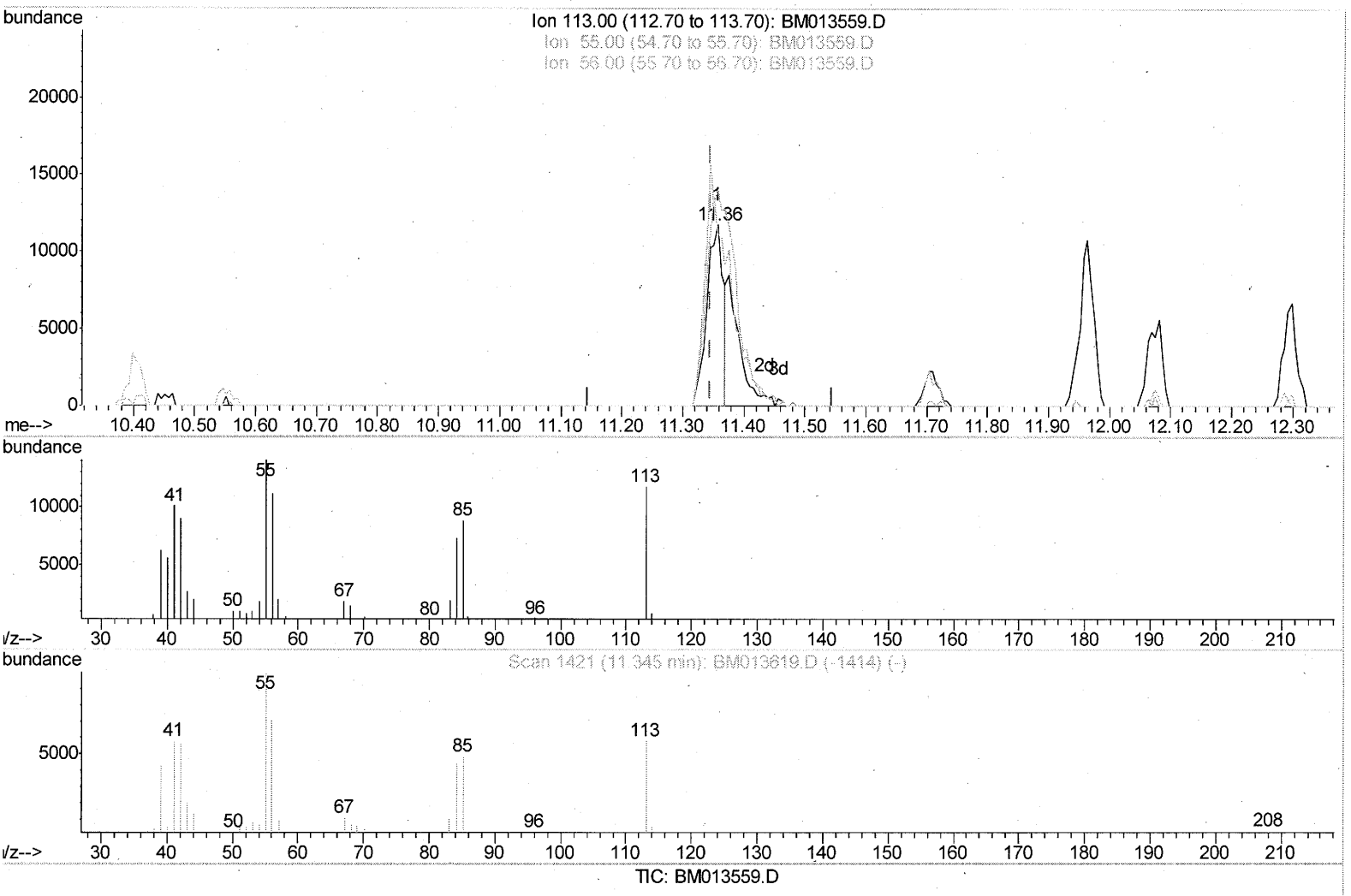
Ion	Exp%	Act%
113.00	100	100
55.00	260.00	119.66#
56.00	200.00	94.61#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013559.D
Acq On : 10 Jan 2018 10:25
Operator : SJ/JU
Sample : SSTD02010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 18 11:14:01 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:11 PM



TIC: BM013559.D

(32) Caprolactam

11.357min (+0.012) 12.30ng/ul

response 22048

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	119.66#
56.00	200.00	94.61#
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM011018\
Data File : BM013559.D
Acq On : 10 Jan 2018 10:25
Operator : SJ/JU
Sample : SSTD02010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:11 PM

Quant Time: Jan 10 12:26:44 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	108382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	422258	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	240757	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	578206	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	662303	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	631941	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	21693	9.91	ng/uL	0.00
5) Phenol-d5	6.81	99	158752	16.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	100883	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	137865	18.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	122854	15.34	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	64634	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	68024	18.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	134218	18.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	104318	15.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	395407	18.46	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	506637	19.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	58334	15.67	ng/ul	0.00
57) Fluorene-d10	15.27	176	353736	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	62105	17.07	ng/ul	0.00
70) Anthracene-d10	17.12	188	562982	19.44	ng/ul	0.00
76) Pyrene-d10	19.43	212	614088	18.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	585007	18.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	22936	9.336	ng/uL#	67
4) Benzaldehyde	6.78	77	124674	26.869	ng/ul	94
6) Phenol	6.83	94	163632	17.652	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.06	93	125340	17.684	ng/ul	99
10) 2-Chlorophenol	7.19	128	132110	18.387	ng/ul	97
11) 2-Methylphenol	8.08	108	118909	16.585	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	130982	17.600	ng/ul#	80
14) Acetophenone	8.45	105	204922	16.820	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.43	70	99325	16.185	ng/ul#	73
16) 4-Methylphenol	8.40	108	128447	16.753	ng/ul	92
17) Hexachloroethane	8.69	117	63490	20.296	ng/ul#	68
20) Nitrobenzene	8.82	77	166312	19.716	ng/ul	99
21) Isophorone	9.35	82	269226	18.138	ng/ul	96
23) 2-Nitrophenol	9.53	139	70498	18.974	ng/ul#	82
24) 2,4-Dimethylphenol	9.59	107	150873	18.618	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	9.83	93	168731	19.423	ng/ul	94
27) 2,4-Dichlorophenol	10.06	162	128333	18.812	ng/ul#	95
28) Naphthalene	10.45	128	412081	18.968	ng/ul	99
30) 4-Chloroaniline	10.57	127	100178	15.244	ng/ul	89
31) Hexachlorobutadiene	10.73	225	103767	21.000	ng/ul	97
32) Caprolactam	11.36	113	34497m>	15.823	ng/ul	> JU 01/18/18
33) 4-Chloro-3-methylphenol	11.71	107	126055	16.845	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	301306	18.450	ng/ul	91

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Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	177723	20.458	ng/ul#	93
37) Hexachlorocyclopentadiene	12.42	237	65092	11.384	ng/ul	94
38) 2,4,6-Trichlorophenol	12.70	196	105300	19.442	ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	109234	18.987	ng/ul	95
40) 1,1'-Biphenyl	13.10	154	404514	19.880	ng/ul	96
41) 2-Chloronaphthalene	13.14	162	318015	19.921	ng/ul	96
42) 2-Nitroaniline	13.36	65	91249	19.510	ng/ul	98
44) Dimethylphthalate	13.74	163	386494	18.861	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	79783	19.090	ng/ul	95
47) Acenaphthylene	13.99	152	472530	19.313	ng/ul	97
48) 3-Nitroaniline	14.19	138	55538	14.867	ng/ul#	93
49) Acenaphthene	14.34	153	320699	19.242	ng/ul	99
50) 2,4-Dinitrophenol	14.41	184	37664	16.286	ng/ul	89
52) 4-Nitrophenol	14.51	109	66198	18.128	ng/ul#	79
53) Dibenzofuran	14.67	168	489374	19.889	ng/ul	94
54) 2,4-Dinitrotoluene	14.66	165	114189	18.783	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.91	232	99192	18.805	ng/ul#	85
56) Diethylphthalate	15.11	149	384518	18.710	ng/ul	95
58) Fluorene	15.33	166	394607	19.386	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	214520	19.418	ng/ul	95
60) 4-Nitroaniline	15.36	138	72819	16.522	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	15.42	198	67805	18.654	ng/ul	97
64) N-Nitrosodiphenylamine	15.55	169	332280	19.509	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	133770	19.681	ng/ul	92
66) Hexachlorobenzene	16.33	284	144015	19.213	ng/ul#	93
67) Atrazine	16.50	200	129003	20.520	ng/ul	89
68) Pentachlorophenol	16.68	266	68349	15.766	ng/ul	96
69) Phenanthrene	17.07	178	636381	19.373	ng/ul	99
71) Anthracene	17.16	178	648221	19.305	ng/ul	98
72) Carbazole	17.43	167	534352	18.502	ng/ul	98
73) Di-n-butylphthalate	18.00	149	632867	18.771	ng/ul	100
74) Fluoranthene	19.09	202	755837	18.776	ng/ul#	95
77) Pyrene	19.46	202	793933	19.732	ng/ul#	94
78) Butylbenzylphthalate	20.37	149	280756	17.858	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.14	252	209187	15.025	ng/ul#	97
80) Benzo(a)anthracene	21.20	228	787904	18.750	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.14	149	426564	18.001	ng/ul#	96
82) Chrysene	21.26	228	730454	18.737	ng/ul	97
84) Di-n-octyl phthalate	22.02	149	708413	15.764	ng/ul	100
85) Benzo(b)fluoranthene	22.77	252	793099	18.617	ng/ul#	96
86) Benzo(k)fluoranthene	22.81	252	766814	19.128	ng/ul#	97
88) Benzo(a)pyrene	23.33	252	743411	19.427	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.63	276	862834	22.724	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.64	278	730918	22.607	ng/ul#	96
91) Benzo(g,h,i)perylene	26.30	276	714170	23.845	ng/ul#	95

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