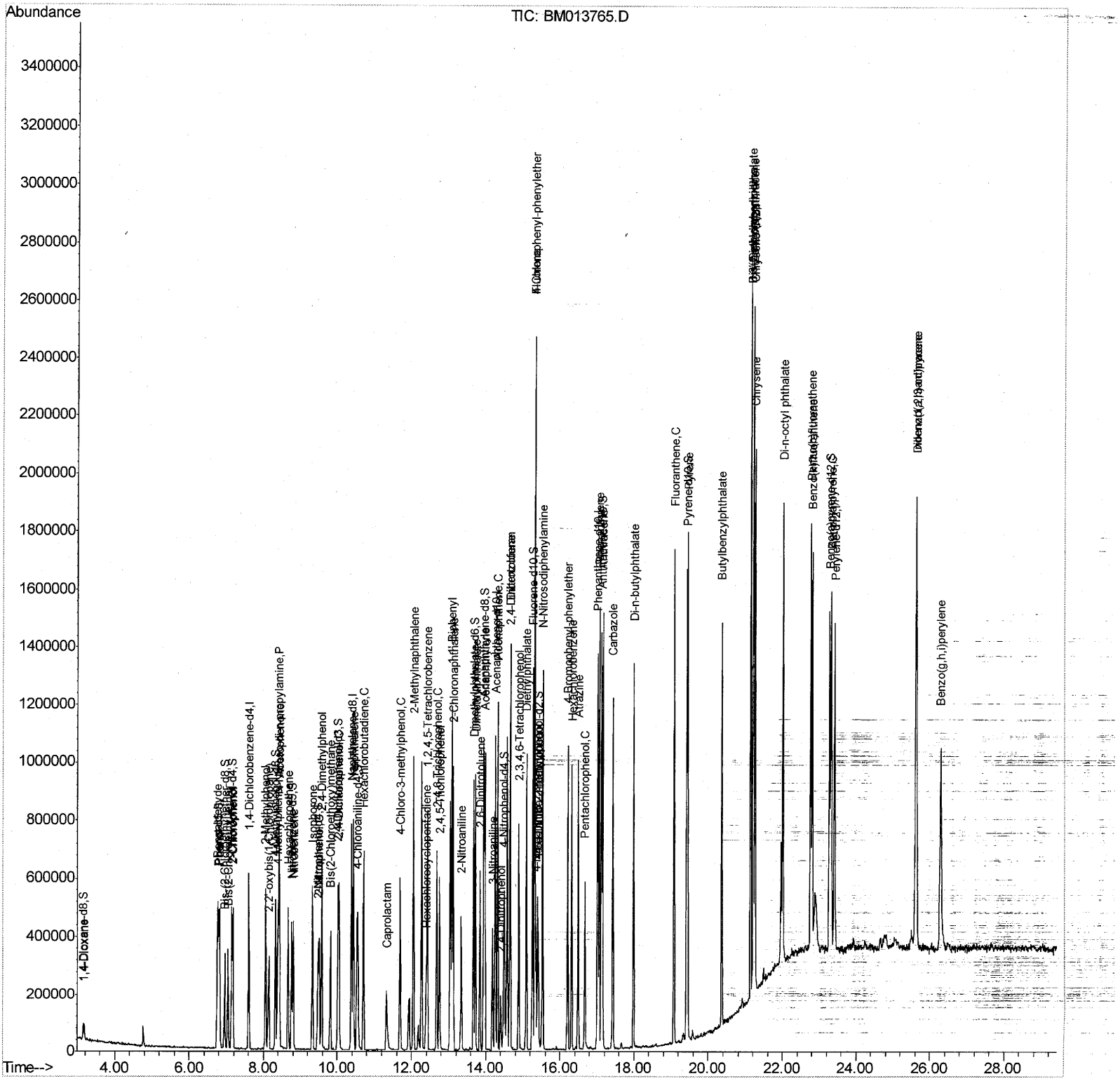
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013765.D
Acq On : 24 Jan 2018 12:22
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 13:13:39 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 24 08:36:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02038EC

Manual Integrations APPROVED
Sohil
1/24/2018 2:55:40 PM

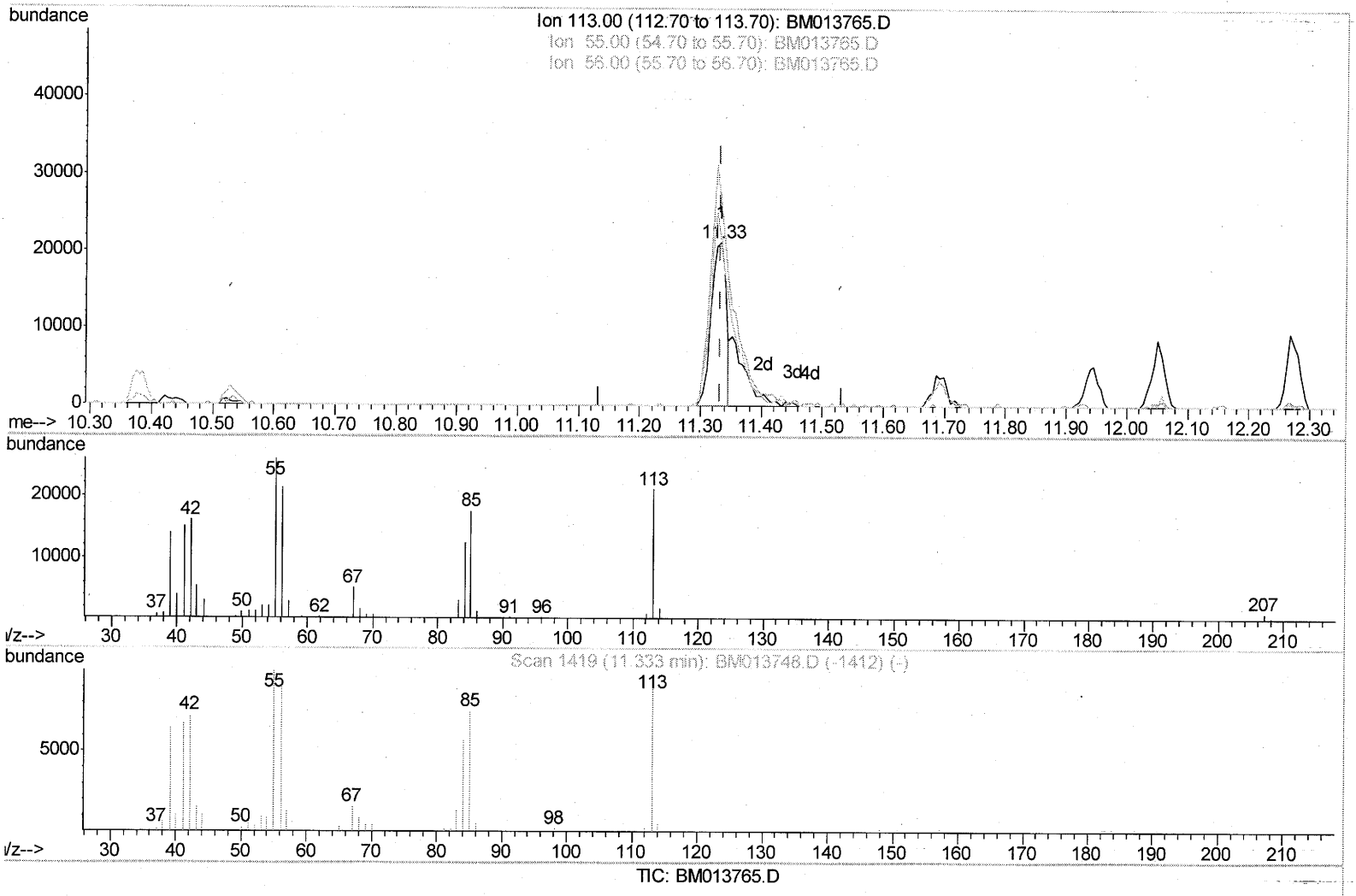


Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013765.D
Acq On : 24 Jan 2018 12:22
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 13:11:07 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 24 08:36:53 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02038EC

Manual Integrations APPROVED
Sohil
1/24/2018 2:55:40 PM



(32) Caprolactam

11.333min (+0.000) 14.39ng/ul

response 36840

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	122.36#
56.00	200.00	101.25#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
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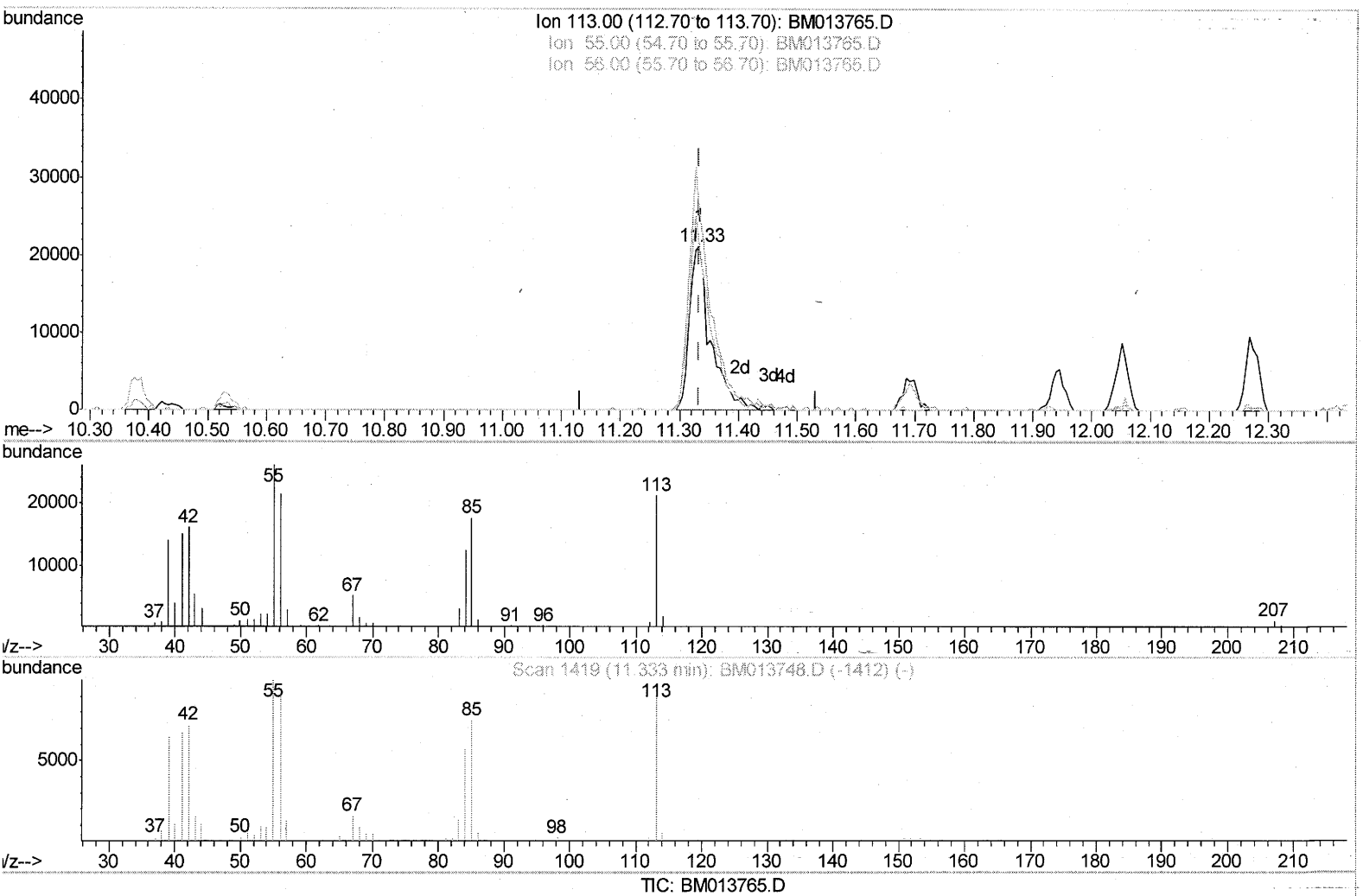
Sohil
1/24/2018 2:55:40 PM



TIC: BM013765.D

(32) Caprolactam

11.333min (+0.000) 20.55ng/ul m

DE 01/29/18

response 52610

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	122.36#
56.00	200.00	101.25#
0.00	0.00	0.00

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Instrument : BNA_M
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Manual Integrations APPROVED
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Quant Time: Jan 24 13:13:39 2018
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	152244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	602912	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	344976	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	779232	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	829763	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	782656	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	23475	6.09	ng/uL	0.00
5) Phenol-d5	6.79	99	229666	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	133077	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	195352	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	185696	20.67	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	93890	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	102270	20.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	201342	21.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	206856	24.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	565687	19.90	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	731694	20.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	90905	19.67	ng/ul	0.00
57) Fluorene-d10	15.26	176	493263	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	80185	17.10	ng/ul	0.00
70) Anthracene-d10	17.11	188	778479	20.51	ng/ul	0.00
76) Pyrene-d10	19.41	212	839177	21.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	741676	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	24837	5.886	ng/uL#	63
4) Benzaldehyde	6.76	77	161435	19.959	ng/ul#	83
6) Phenol	6.82	94	231032	19.708	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.04	93	183784	20.035	ng/ul	96
10) 2-Chlorophenol	7.17	128	192693	20.301	ng/ul	97
11) 2-Methylphenol	8.05	108	173175	20.040	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	176518	18.912	ng/ul#	81
14) Acetophenone	8.43	105	290304	19.525	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.41	70	140150	19.321	ng/ul#	66
16) 4-Methylphenol	8.38	108	182571	19.759	ng/ul	91
17) Hexachloroethane	8.66	117	84696	18.332	ng/ul#	76
20) Nitrobenzene	8.80	77	230434	19.067	ng/ul	93
21) Isophorone	9.32	82	372827	19.093	ng/ul	94
23) 2-Nitrophenol	9.50	139	111615	21.665	ng/ul#	82
24) 2,4-Dimethylphenol	9.57	107	220049	20.259	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.81	93	226402	19.019	ng/ul#	96
27) 2,4-Dichlorophenol	10.04	162	193649	21.041	ng/ul	94
28) Naphthalene	10.43	128	604152	20.142	ng/ul	100
30) 4-Chloroaniline	10.55	127	203028	24.712	ng/ul	99
31) Hexachlorobutadiene	10.71	225	137101	18.148	ng/ul	89
32) Caprolactam	11.33	113	52610m	20.548	ng/ul	> JU 01/24/18
33) 4-Chloro-3-methylphenol	11.69	107	190398	20.408	ng/ul	95
34) 2-Methylnaphthalene	12.05	142	448709	20.065	ng/ul	98

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Manual Integrations APPROVED
Sohil
1/24/2018 2:55:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	250502	19.597	ng/ul	98
37) Hexachlorocyclopentadiene	12.40	237	61193	11.531	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.68	196	159053	21.496	ng/ul	92
39) 2,4,5-Trichlorophenol	12.76	196	162919	21.161	ng/ul	95
40) 1,1'-Biphenyl	13.08	154	576443	20.074	ng/ul	97
41) 2-Chloronaphthalene	13.12	162	460846	20.530	ng/ul	98
42) 2-Nitroaniline	13.34	65	128225	20.708	ng/ul	99
44) Dimethylphthalate	13.72	163	552595	19.767	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	110432	20.385	ng/ul#	97
47) Acenaphthylene	13.97	152	673441	20.300	ng/ul	97
48) 3-Nitroaniline	14.18	138	100184	23.515	ng/ul	87
49) Acenaphthene	14.32	153	457304	19.904	ng/ul	96
50) 2,4-Dinitrophenol	14.40	184	41165	13.256	ng/ul#	89
52) 4-Nitrophenol	14.50	109	82620	17.602	ng/ul#	81
53) Dibenzofuran	14.66	168	674682	19.520	ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	168754	21.370	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.89	232	147933	20.428	ng/ul	93
56) Diethylphthalate	15.09	149	534939	19.015	ng/ul	94
58) Fluorene	15.31	166	567090	20.030	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.31	204	291060	19.025	ng/ul	97
60) 4-Nitroaniline	15.34	138	108438	21.753	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.41	198	83163	16.798	ng/ul	95
64) N-Nitrosodiphenylamine	15.53	169	463909	20.242	ng/ul	97
65) 4-Bromophenyl-phenylether	16.20	248	185755	20.183	ng/ul	94
66) Hexachlorobenzene	16.32	284	195476	19.731	ng/ul#	89
67) Atrazine	16.49	200	178291	19.492	ng/ul	89
68) Pentachlorophenol	16.67	266	103033	19.572	ng/ul	99
69) Phenanthrene	17.05	178	871394	20.118	ng/ul	100
71) Anthracene	17.14	178	898467	20.110	ng/ul	99
72) Carbazole	17.42	167	743748	20.168	ng/ul	99
73) Di-n-butylphthalate	17.99	149	874128	20.154	ng/ul	99
74) Fluoranthene	19.07	202	1029242	19.907	ng/ul#	92
77) Pyrene	19.44	202	1074098	21.293	ng/ul#	92
78) Butylbenzylphthalate	20.35	149	392731	22.102	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.13	252	314295	22.896	ng/ul	95
80) Benzo(a)anthracene	21.19	228	1044594	20.834	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	558579	20.952	ng/ul#	99
82) Chrysene	21.24	228	920631	20.015	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	919077	19.486	ng/ul	99
85) Benzo(b)fluoranthene	22.75	252	1004193	20.892	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	938970	20.211	ng/ul#	99
88) Benzo(a)pyrene	23.32	252	924605	20.363	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.60	276	1071369	19.989	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.61	278	907075	20.041	ng/ul#	97
91) Benzo(g,h,i)perylene	26.28	276	880534	19.961	ng/ul	97

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