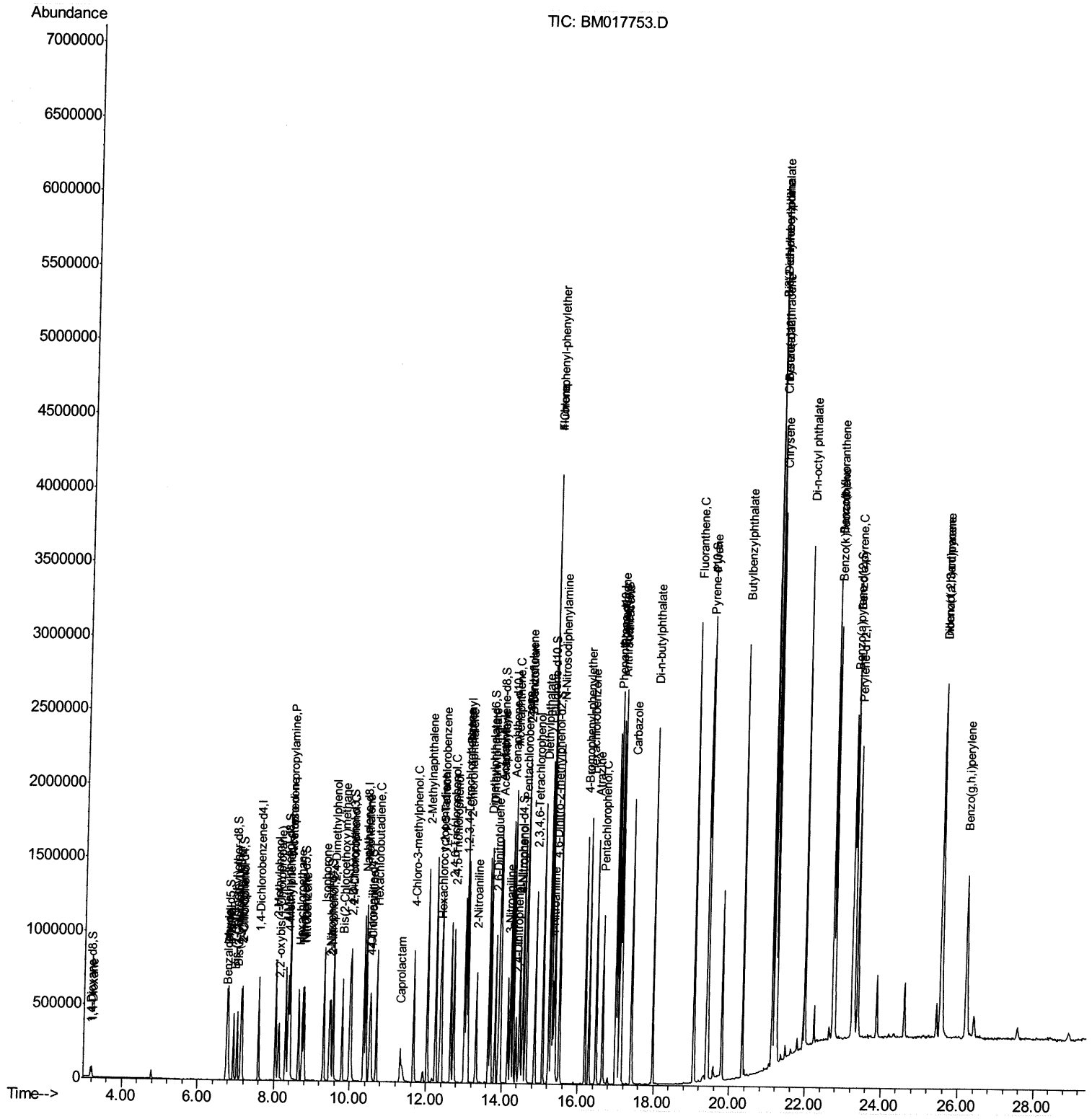
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : BM017753.D
Acq On : 23 Nov 2018 10:05
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 21:56:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 07:44:17 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
MOHAMMAD
11/26/2018 3:05:03 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : Copy of BM017753.D
Acq On : 23 Nov 2018 10:05
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 23:14:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
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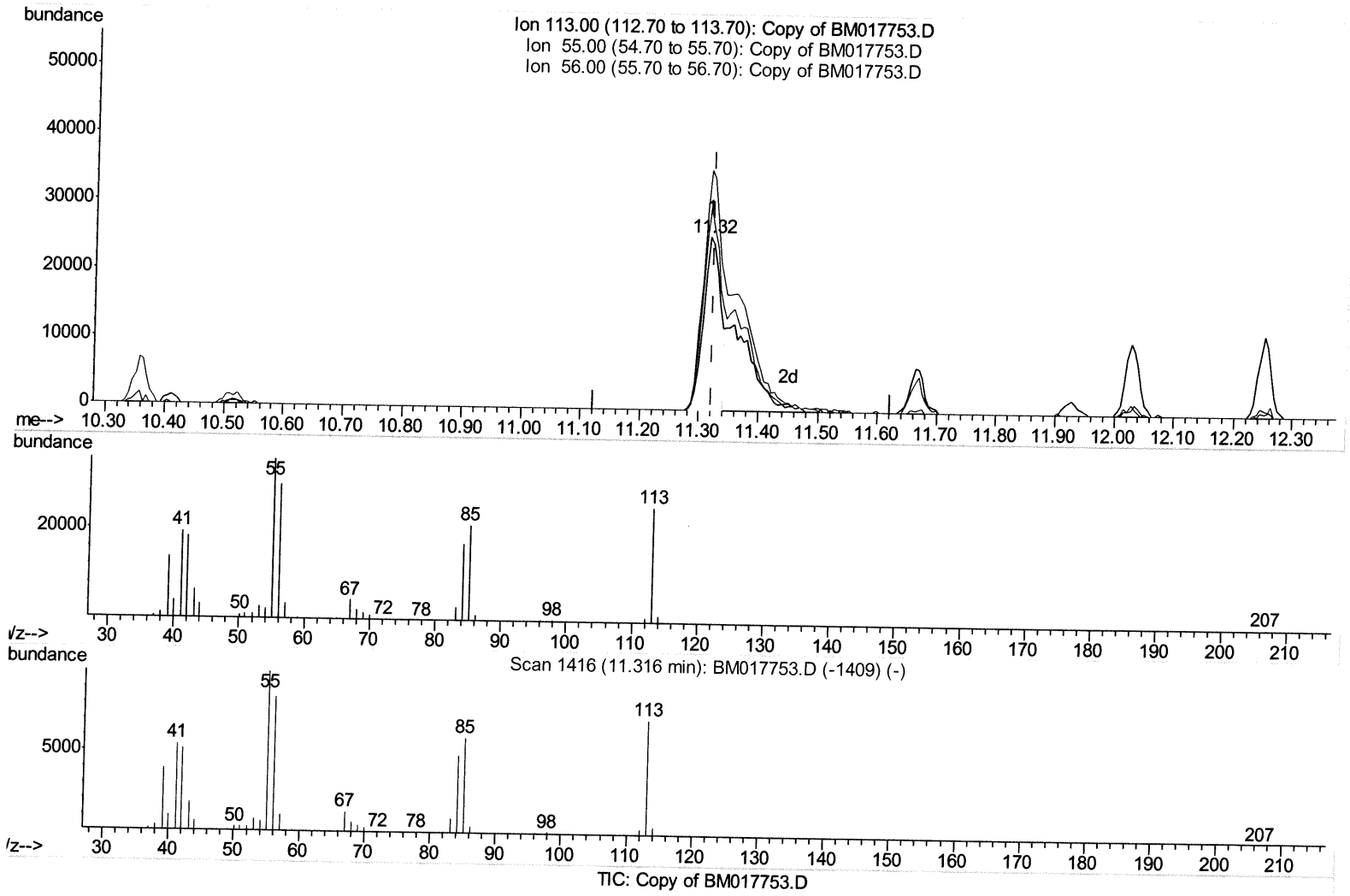
11/26/2018 3:05:03 PM



Scan 1416 (11.316 min): BM017753.D (-1409) (-)

TIC: Copy of BM017753.D

(32) Caprolactam

11.316min (-0.006) 10.69ng/ul

response 49769

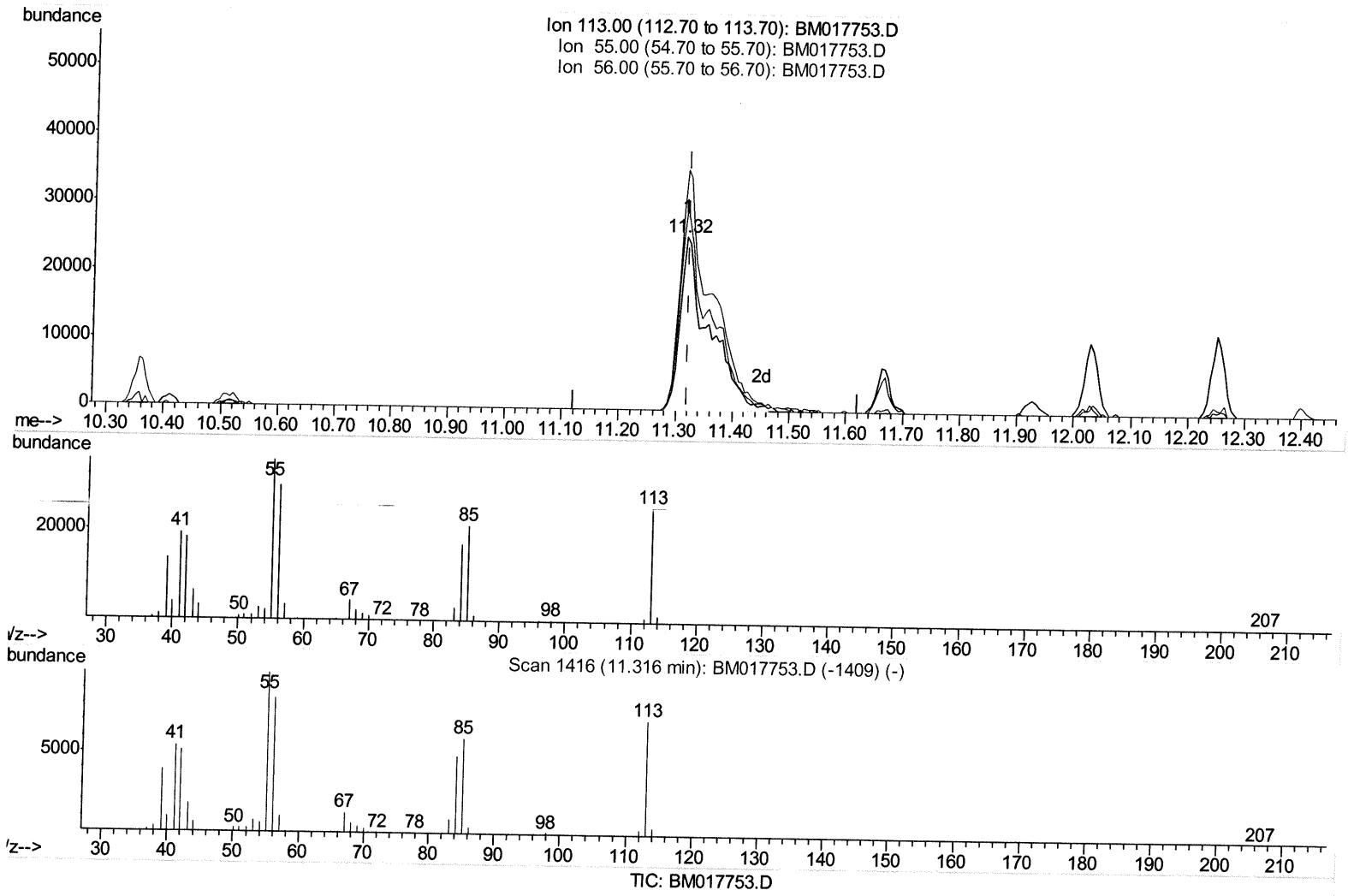
Ion	Exp%	Act%
113.00	100	100
55.00	138.30	138.50
56.00	110.30	116.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
Data File : BM017753.D
Acq On : 23 Nov 2018 10:05
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 21:56:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 07:44:17 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
MOHAMMAD
11/26/2018 3:05:03 PM



Scan 1416 (11.316 min): BM017753.D (-1409) (-)

TIC: BM017753.D

(32) Caprolactam

11.316min (-0.006) 19.56ng/ul m

response 91077

JE 11/27/18

Ion	Exp%	Act%
113.00	100	100
55.00	138.30	138.50
56.00	110.30	116.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112318\
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 21:56:25 2018
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Instrument : BNA_M
LabSampleId : SSTD02063

Manual Integrations APPROVED
MOHAMMAD
11/26/2018 3:05:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	187522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	889845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	565407	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1352040	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1539235	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1441687	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	31383	7.66	ng/uL	0.00
5) Phenol-d5	6.77	99	324798	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	195069	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	265156	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	281872	20.14	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	134536	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	154340	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	304267	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	262183	20.49	ng/ul	-0.01
43) Dimethylphthalate-d6	13.66	166	968202	19.74	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1186153	19.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	161208	18.07	ng/ul	0.00
57) Fluorene-d10	15.24	176	834789	19.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	172755	17.87	ng/ul	0.00
70) Anthracene-d10	17.09	188	1331815	19.79	ng/ul	0.00
78) Pyrene-d10	19.39	212	1495719	20.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1564043	20.00	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	34355	7.859	ng/uL	91
4) Benzaldehyde	6.76	77	60193	18.849	ng/ul	96
6) Phenol	6.80	94	324754	18.997	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	248286	19.011	ng/ul	97
10) 2-Chlorophenol	7.16	128	264057	19.723	ng/ul	99
11) 2-Methylphenol	8.04	108	258258	19.801	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.12	45	311402	20.209	ng/ul	99
14) Acetophenone	8.41	105	442301	20.278	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	233546	20.530	ng/ul	99
16) 4-Methylphenol	8.36	108	287438	20.394	ng/ul	100
17) Hexachloroethane	8.65	117	110129	20.288	ng/ul	97
20) Nitrobenzene	8.79	77	344165	20.062	ng/ul	100
21) Isophorone	9.31	82	636238	19.936	ng/ul	99
23) 2-Nitrophenol	9.49	139	162997	19.999	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	350452	20.584	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	382814	19.602	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	288778	20.514	ng/ul	99
28) Naphthalene	10.41	128	925673	19.966	ng/ul	99
30) 4-Chloroaniline	10.54	127	270529	20.725	ng/ul	98
31) Hexachlorobutadiene	10.69	225	183897	19.670	ng/ul	98
32) Caprolactam	11.32	113	91077m>	19.556	ng/ul>	>JM 11/27/18
33) 4-Chloro-3-methylphenol	11.67	107	325193	20.340	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	694648	20.071	ng/ul	97

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Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02063

Manual Integrations APPROVED
MOHAMMAD
11/26/2018 3:05:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	370348	19.630	ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	211330	17.370	ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	241239	19.675	ng/ul	95
39) 2,4,5-Trichlorophenol	12.73	196	265225	20.226	ng/ul	96
40) 1,1'-Biphenyl	13.06	154	917138	19.705	ng/ul	99
41) 2-Chloronaphthalene	13.10	162	719929	19.774	ng/ul	99
42) 2-Nitroaniline	13.33	65	216928	20.460	ng/ul	98
44) Dimethylphthalate	13.70	163	932475	19.619	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	190674	20.416	ng/ul	97
47) Acenaphthylene	13.96	152	1106594	19.956	ng/ul	100
48) 3-Nitroaniline	14.16	138	173825	19.510	ng/ul	100
49) Acenaphthene	14.30	153	799107	19.996	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	98562	15.565	ng/ul	93
52) 4-Nitrophenol	14.48	109	139844	19.062	ng/ul	98
53) Dibenzofuran	14.64	168	1135099	20.072	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	288023	20.368	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.87	232	241171	19.946	ng/ul	96
56) Diethylphthalate	15.08	149	972552	19.863	ng/ul	98
58) Fluorene	15.29	166	952364	20.195	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	482054	19.900	ng/ul	99
60) 4-Nitroaniline	15.33	138	168628	17.024	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.39	198	178994	17.970	ng/ul	96
64) N-Nitrosodiphenylamine	15.51	169	821537	19.736	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	302203	19.561	ng/ul	97
66) Hexachlorobenzene	16.29	284	335414	19.532	ng/ul	94
67) Atrazine	16.47	200	294744	19.089	ng/ul	99
68) Pentachlorophenol	16.64	266	197962	18.529	ng/ul	98
69) Phenanthrene	17.03	178	1521603	19.680	ng/ul	99
71) Anthracene	17.13	178	1587987	20.083	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	369763	19.298	ng/uL	99
73) Pentachlorobenzene	14.56	250	381075	19.445	ng/uL	99
74) Carbazole	17.40	167	1366732	19.616	ng/ul	100
75) Di-n-butylphthalate	17.97	149	1696906	19.272	ng/ul	99
76) Fluoranthene	19.06	202	1829300	20.115	ng/ul	100
79) Pyrene	19.43	202	1874245	20.059	ng/ul	99
80) Butylbenzylphthalate	20.34	149	792227	19.828	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	589831	18.615	ng/ul	99
82) Benzo(a)anthracene	21.18	228	1876804	19.658	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1181158	19.964	ng/ul	99
84) Chrysene	21.23	228	1795785	20.112	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	1979038	19.599	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1847718	20.619	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	1712561	19.663	ng/ul	99
90) Benzo(a)pyrene	23.28	252	1680506	19.775	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.55	276	1664132	18.481	ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	1397225	18.378	ng/ul	99
93) Benzo(g,h,i)perylene	26.21	276	1342069	18.441	ng/ul	99

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