Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100220\
Data File : BN012034.D
Acq On : 02 Oct 2020 12:07
Operator : CG/JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 16:28:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 13:24:58 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01053

Manual Integrations APPROVED
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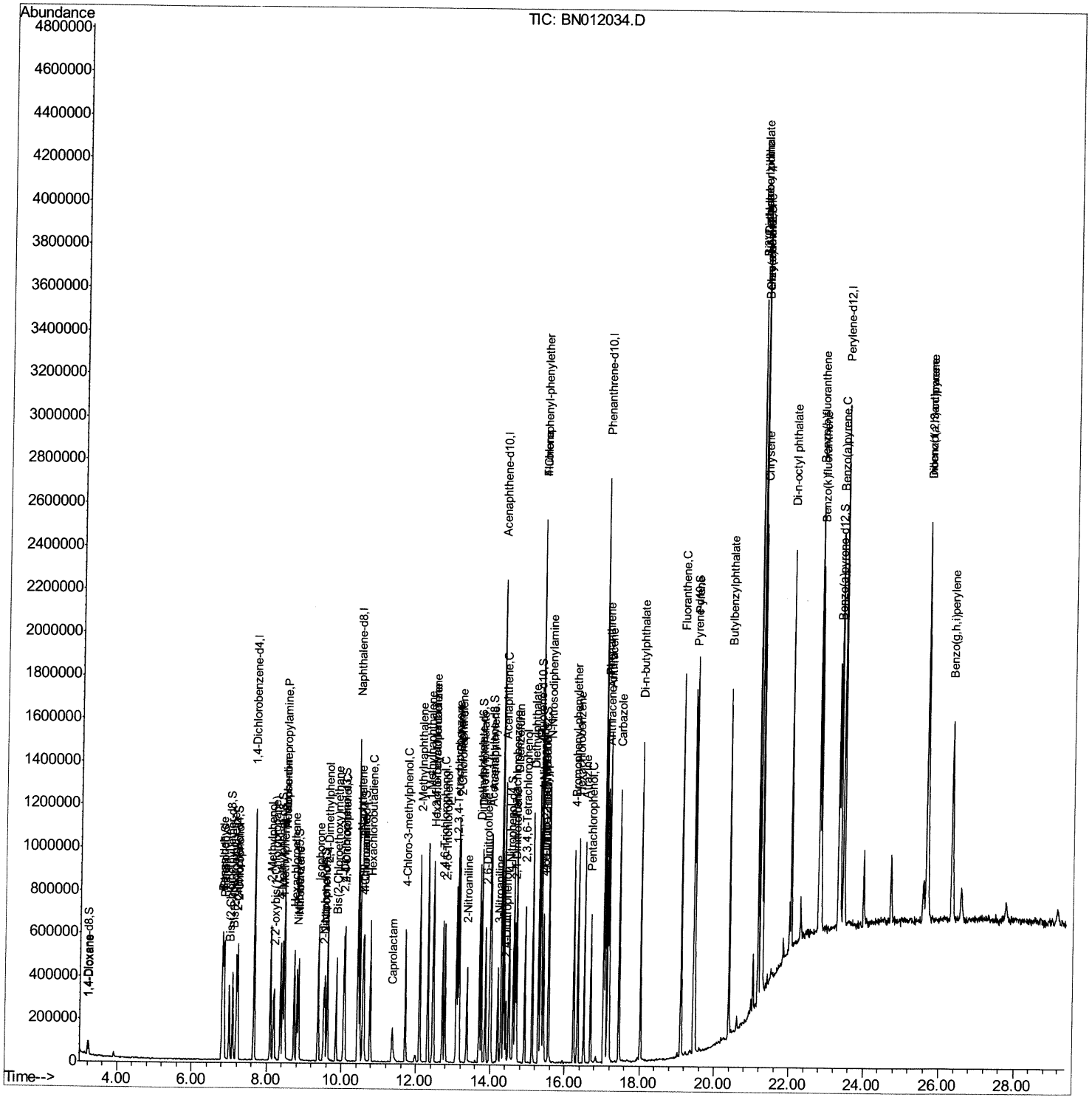

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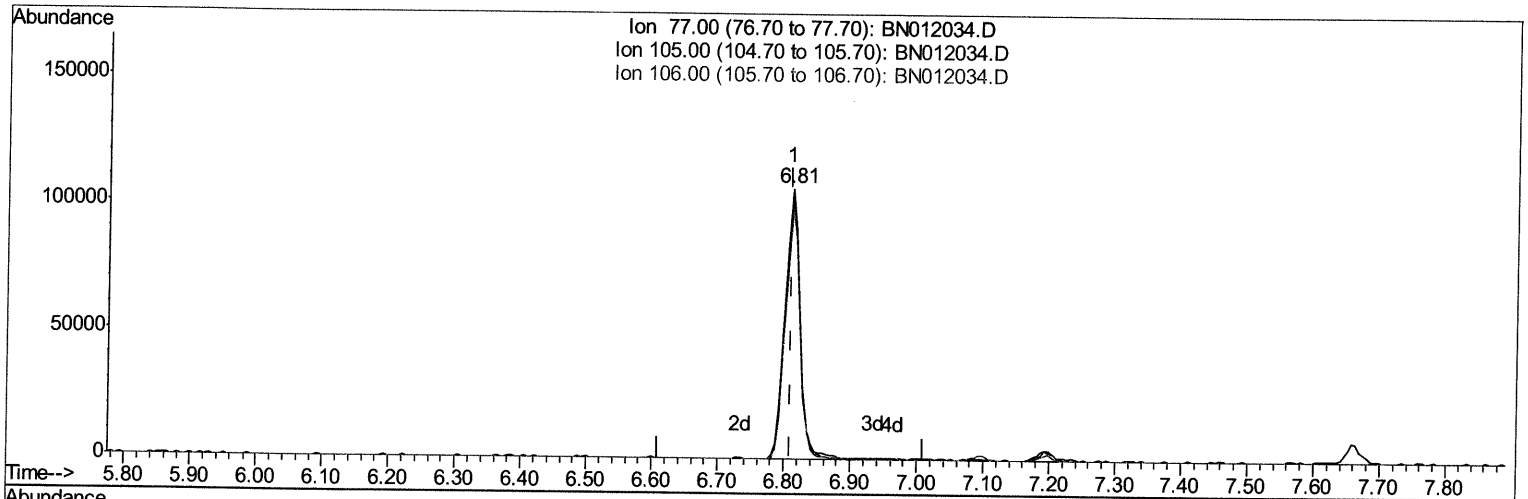

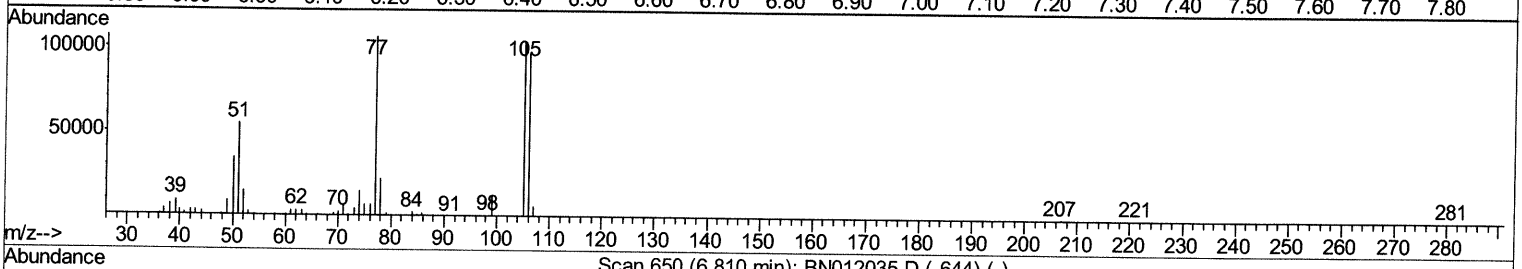

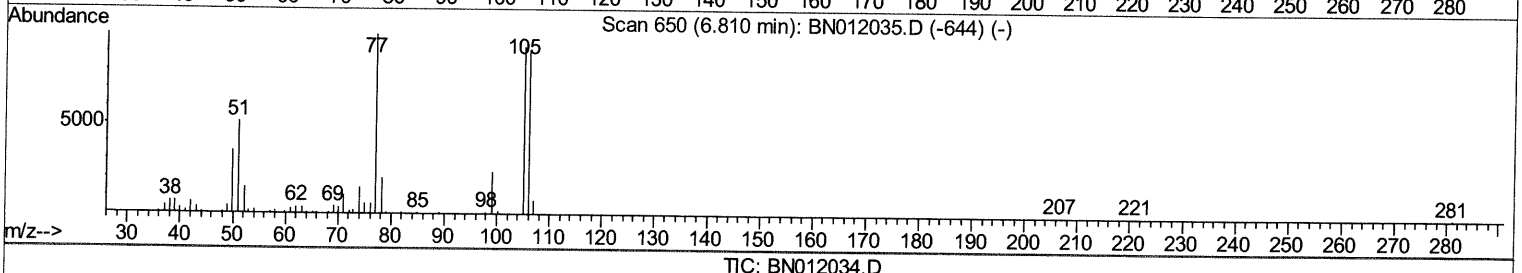

TIC: BN012034.D

(4) Benzaldehyde

6.810min (+0.000) 12.64ng/ul

response 170057

Ion	Exp%	Act%
77.00	100	100
105.00	93.30	97.29
106.00	91.50	92.06
0.00	0.00	0.00

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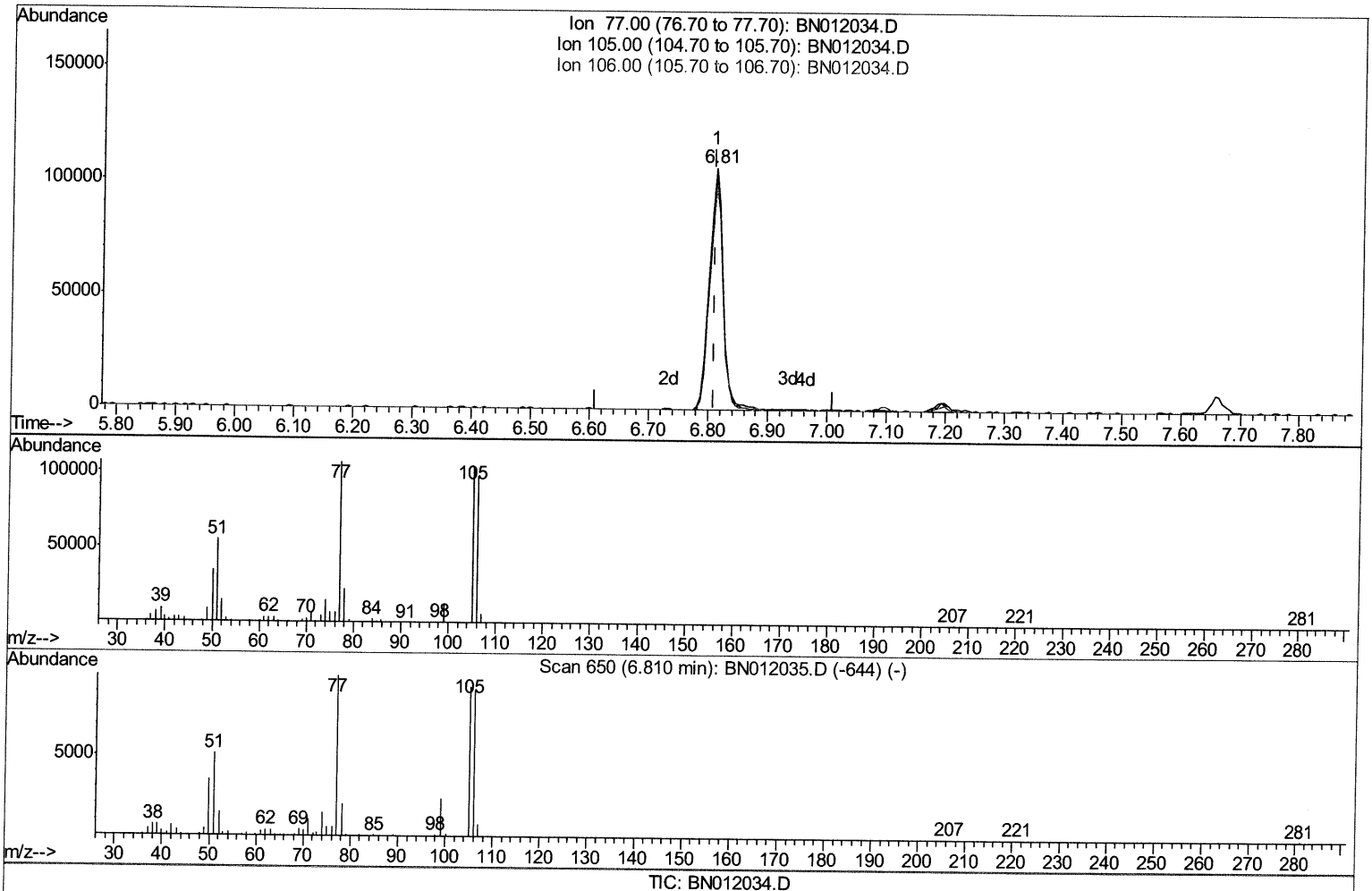

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(4) Benzaldehyde

6.810min (+0.000) 12.64ng/ul

response 170057

Ion	Exp%	Act%
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105.00	93.30	97.29
106.00	91.50	92.06
0.00	0.00	0.00

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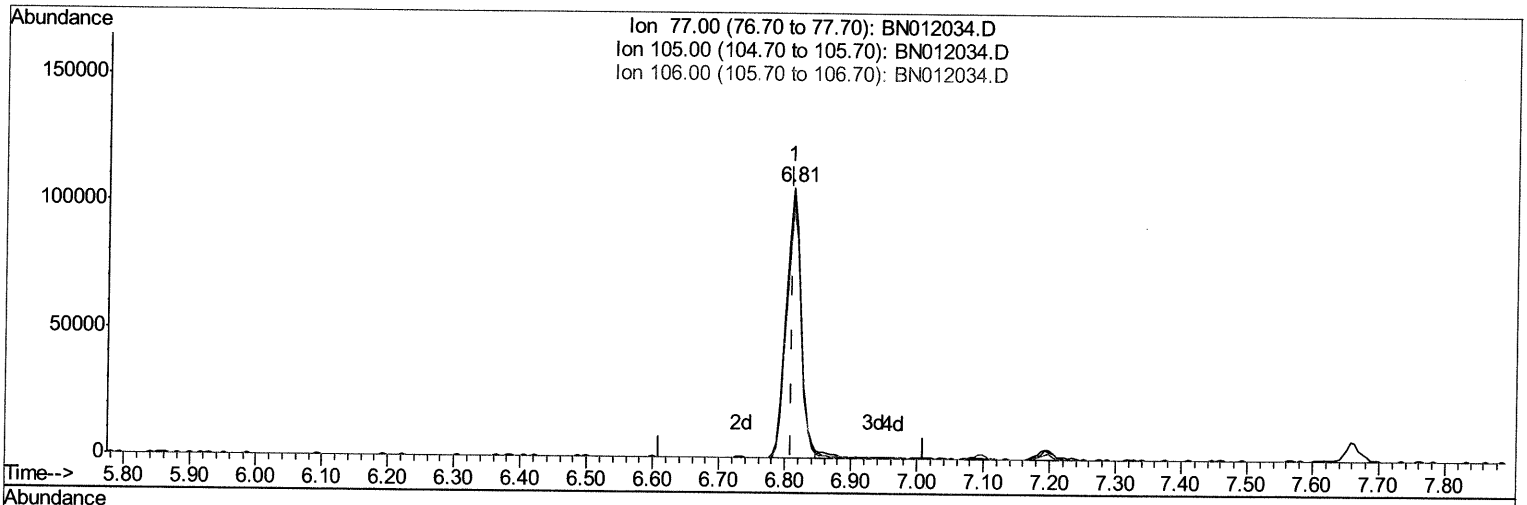

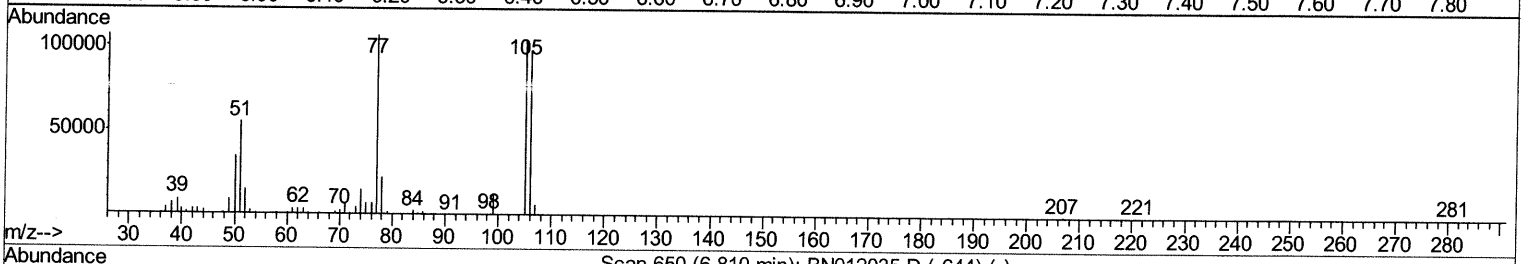

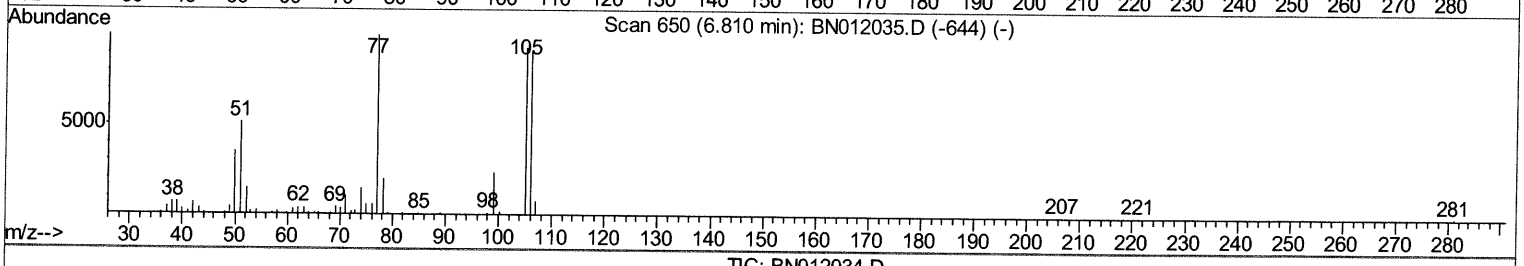

TIC: BN012034.D

(4) Benzaldehyde

6.810min (+0.000) 12.31ng/ul m 10/09/20 JU

response 165604

Ion	Exp%	Act%
77.00	100	100
105.00	93.30	97.29
106.00	91.50	92.06
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	291673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1118568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	702722	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1421923	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1492734	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1535598	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	27727	4.56	ng/uL	0.00
5) Phenol-d5	6.83	99	234652	11.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	147548	14.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	192125	10.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	181700	10.85	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	85017	9.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	90867	9.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	180931	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	231499	10.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	523831	9.57	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	617673	9.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	85879	9.26	ng/ul	0.00
58) Fluorene-d10	15.29	176	473498	9.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	80664	8.55	ng/ul	0.00
71) Anthracene-d10	17.15	188	684548	10.08	ng/ul	0.00
79) Pyrene-d10	19.45	212	762951	9.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	838118	9.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	31771	4.056	ng/uL	96
4) Benzaldehyde	6.81	77	165604m	> 12.309	ng/ul	> 10/09/20 JU
6) Phenol	6.86	94	245316	11.666	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	202113	12.126	ng/ul	98
10) 2-Chlorophenol	7.23	128	202087	10.594	ng/ul	98
11) 2-Methylphenol	8.10	108	177763	10.736	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	262736	29.001	ng/ul	99
14) Acetophenone	8.48	105	307274	11.347	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	150038	12.789	ng/ul	97
16) 4-Methylphenol	8.42	108	195678	11.161	ng/ul	93
17) Hexachloroethane	8.73	117	92105	10.443	ng/ul	92
20) Nitrobenzene	8.85	77	244899	11.559	ng/ul	96
21) Isophorone	9.38	82	405079	10.864	ng/ul	99
23) 2-Nitrophenol	9.56	139	104853	9.643	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	227598	11.073	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	254111	11.490	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	181809	9.716	ng/ul	98
28) Naphthalene	10.49	128	649764	10.409	ng/ul	98
30) 4-Chloroaniline	10.59	127	232466	10.546	ng/ul	96
31) Hexachlorobutadiene	10.77	225	128795	8.451	ng/ul	96
32) Caprolactam	11.37	113	42349	8.860	ng/ul	96
33) 4-Chloro-3-methylphenol	11.72	107	196070	11.035	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	441842	10.326	ng/ul	94

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	432301	10.306 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	219810	8.937 ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	143810	8.533 ng/ul	91
39) 2,4,6-Trichlorophenol	12.72	196	133892	9.301 ng/ul	88
40) 2,4,5-Trichlorophenol	12.79	196	145154	9.286 ng/ul	98
41) 1,1'-Biphenyl	13.13	154	555971	9.858 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	454347	9.956 ng/ul	96
43) 2-Nitroaniline	13.37	65	119650	13.334 ng/ul	96
45) Dimethylphthalate	13.76	163	550834	9.807 ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	101649	9.243 ng/ul	98
48) Acenaphthylene	14.02	152	663234	9.724 ng/ul	99
49) 3-Nitroaniline	14.20	138	93357	9.280 ng/ul#	95
50) Acenaphthene	14.36	153	476566	9.982 ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	50921	7.752 ng/ul	91
53) 4-Nitrophenol	14.50	109	87307	9.881 ng/ul	96
54) Dibenzofuran	14.70	168	658015	9.503 ng/ul	95
55) 2,4-Dinitrotoluene	14.66	165	146327	9.252 ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.93	232	118977	9.116 ng/ul	96
57) Diethylphthalate	15.13	149	571529	10.229 ng/ul	95
59) Fluorene	15.35	166	548413	9.827 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.35	204	267563	9.189 ng/ul	97
61) 4-Nitroaniline	15.37	138	98181	9.528 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.43	198	90046	8.811 ng/ul#	99
65) N-Nitrosodiphenylamine	15.56	169	451297	10.610 ng/ul	95
66) 4-Bromophenyl-phenylether	16.25	248	161499	9.985 ng/ul	96
67) Hexachlorobenzene	16.35	284	190257	10.568 ng/ul	95
68) Atrazine	16.52	200	159118	9.606 ng/ul	97
69) Pentachlorophenol	16.69	266	99027	9.596 ng/ul	99
70) Phenanthrene	17.09	178	861824	10.219 ng/ul	98
72) Anthracene	17.17	178	881677	10.321 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	209180	9.264 ng/uL	96
74) Pentachlorobenzene	14.62	250	211885	9.792 ng/uL	100
75) Carbazole	17.45	167	747697	10.408 ng/ul	99
76) Di-n-butylphthalate	18.02	149	928213	11.365 ng/ul	99
77) Fluoranthene	19.11	202	986914	9.563 ng/ul	98
80) Pyrene	19.47	202	1033963	9.843 ng/ul	97
81) Butylbenzylphthalate	20.39	149	408100	11.516 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.17	252	323748	10.876 ng/ul	92
83) Benzo(a)anthracene	21.23	228	990956	9.978 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	640704	11.989 ng/ul	99
85) Chrysene	21.28	228	1001943	10.157 ng/ul	97
87) Di-n-octyl phthalate	22.04	149	1039489	10.353 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	1097022	10.219 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1045665	9.807 ng/ul	99
91) Benzo(a)pyrene	23.36	252	994558	10.055 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	1237490	9.761 ng/ul	100
93) Dibenzo(a,h)anthracene	25.67	278	1029179	9.696 ng/ul	98
94) Benzo(g,h,i)perylene	26.33	276	1057664	10.063 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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