

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
 Data File : BN029611.D
 Acq On : 09 Feb 2024 15:44
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020298

Quant Time: Feb 09 22:25:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
 Supervised By :mohammad ahmed 02/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	253432	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	1025868	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	518648	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	967237	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	801135	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	940942	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	57603	7.476	ng/uL	0.00
4) Pyridine-d5	3.734	84	370841	18.047	ng/u1	0.00
7) Phenol-d5	7.046	99	440801	18.595	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	291295	18.413	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	341091	19.857	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	325308	18.401	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	152314	19.130	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	138602	19.988	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	268303	19.602	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	417296	17.871	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	692151	17.925	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	853220	18.606	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	121946	16.639	ng/u1	0.00
60) Fluorene-d10	15.516	176	588358	17.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	75569	16.034	ng/u1	0.00
73) Anthracene-d10	17.374	188	835932	18.441	ng/u1	0.00
81) Pyrene-d10	19.674	212	898127	18.681	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	868982	18.456	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	59179	7.416	ng/uL	95
5) Pyridine	3.758	79	394260	18.546	ng/u1	94
6) Benzaldehyde	7.028	77	256244m	24.115	ng/u1	
8) Phenol	7.075	94	450272	18.534	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.316	93	377707	18.489	ng/u1	99
12) 2-Chlorophenol	7.440	128	356183	19.763	ng/u1	99
13) 2-Methylphenol	8.322	108	322934	18.420	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.410	45	491597	18.425	ng/u1	99
16) Acetophenone	8.710	105	518870	18.441	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.698	70	270526	18.623	ng/u1	98
18) 4-Methylphenol	8.657	108	340066	18.357	ng/u1	100
19) Hexachloroethane	8.951	117	154961	18.528	ng/u1	96
22) Nitrobenzene	9.093	77	421951	18.704	ng/u1	99
23) Isophorone	9.616	82	705894	17.964	ng/u1	98
25) 2-Nitrophenol	9.798	139	158788	20.052	ng/u1	99
26) 2,4-Dimethylphenol	9.857	107	355719	18.744	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.104	93	456286	18.271	ng/u1	99
29) 2,4-Dichlorophenol	10.328	162	271390	19.189	ng/u1	99
30) Naphthalene	10.728	128	1090221	18.593	ng/u1	100
32) 4-Chloroaniline	10.851	127	411311	17.843	ng/u1	97
33) Hexachlorobutadiene	11.004	225	164634	18.861	ng/u1	99
34) Caprolactam	11.622	113	73917	15.706	ng/u1	99
35) 4-Chloro-3-methylphenol	11.969	107	303343	18.569	ng/u1	100
36) 2-Methylnaphthalene	12.345	142	661677	18.408	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	645054	18.101	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	289346	18.821	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	180622	17.974	ng/ul	96
41) 2,4,6-Trichlorophenol	12.951	196	173656	19.598	ng/ul	96
42) 2,4,5-Trichlorophenol	13.022	196	187538	18.835	ng/ul	95
43) 1,1'-Biphenyl	13.357	154	801906	18.333	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	630097	18.535	ng/ul	99
45) 2-Nitroaniline	13.610	65	185566	18.567	ng/ul	96
47) Dimethylphthalate	13.992	163	712635	18.029	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	129938	18.371	ng/ul	97
50) Acenaphthylene	14.245	152	1025806	18.639	ng/ul	99
51) 3-Nitroaniline	14.439	138	138911	16.875	ng/ul	100
52) Acenaphthene	14.586	153	662496	18.223	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	56903	15.853	ng/ul	90
55) 4-Nitrophenol	14.739	109	110500	16.489	ng/ul	94
56) Dibenzofuran	14.922	168	867637	18.073	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	180979	18.174	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.145	232	138475	19.596	ng/ul	95
59) Diethylphthalate	15.363	149	712029	17.537	ng/ul	99
61) Fluorene	15.575	166	680497	17.933	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.575	204	309288	18.223	ng/ul	94
63) 4-Nitroaniline	15.604	138	140122	18.860	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.657	198	86399	16.628	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	560367	18.592	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	175469	19.167	ng/ul	91
69) Hexachlorobenzene	16.569	284	195821	18.977	ng/ul	98
70) Atrazine	16.751	200	166972	17.731	ng/ul	92
71) Pentachlorophenol	16.916	266	112339	18.746	ng/ul	93
72) Phenanthrene	17.316	178	1032471	18.453	ng/ul	98
74) Anthracene	17.410	178	1048819	18.678	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	275116	19.383	ng/uL	96
76) Pentachlorobenzene	14.833	250	242788	19.103	ng/uL	99
77) Carbazole	17.686	167	927068	18.076	ng/ul	99
78) Di-n-butylphthalate	18.263	149	1120511	18.168	ng/ul	99
80) Fluoranthene	19.339	202	1067871	18.285	ng/ul	99
82) Pyrene	19.698	202	1173782	18.999	ng/ul	98
83) Butylbenzylphthalate	20.621	149	454649	18.056	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	295217	19.025	ng/ul	100
85) Benzo(a)anthracene	21.457	228	1083186	18.405	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	693120	17.796	ng/ul	98
87) Chrysene	21.510	228	1040487	18.865	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	1161513	15.925	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1123778	18.961	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	1095275	18.055	ng/ul	97
93) Benzo(a)pyrene	23.745	252	1026711	18.064	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.298	276	1218283	17.602	ng/ul	95
95) Dibenzo(a,h)anthracene	26.327	278	1069167	18.922	ng/ul	97
96) Benzo(g,h,i)perylene	27.056	276	1027482	17.750	ng/ul	98

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

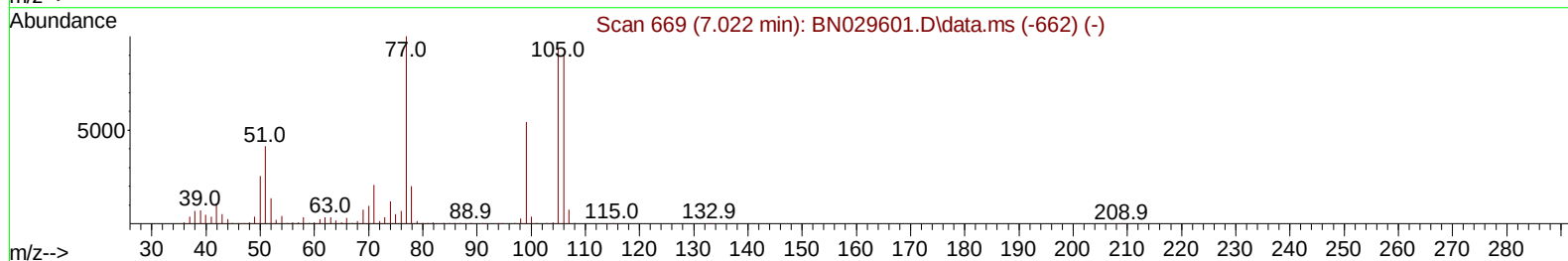
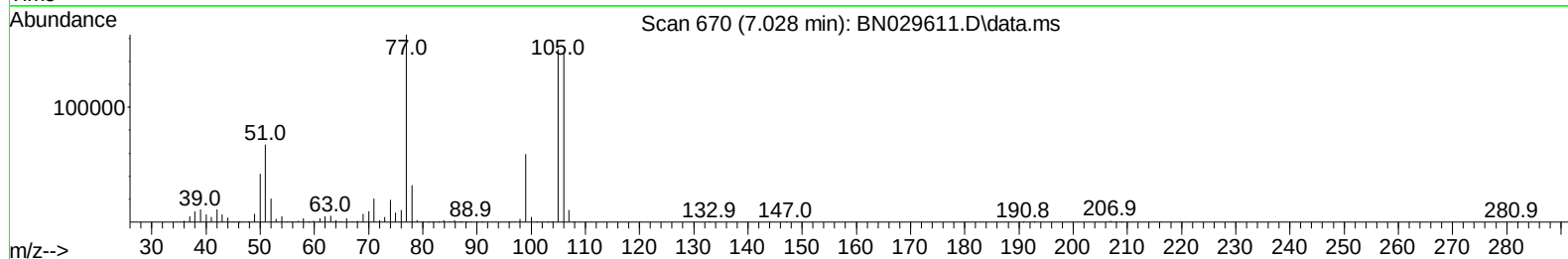
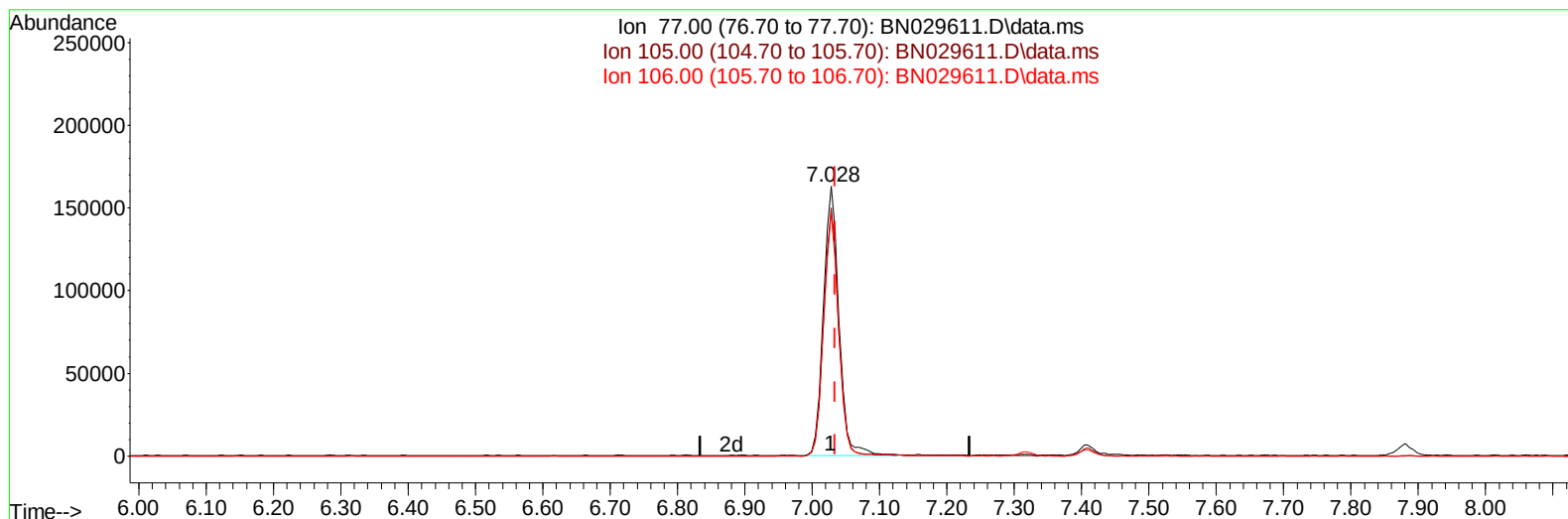
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TIC: BN029611.D\data.ms

(6) Benzaldehyde

7.028min (-0.006) 24.53 ng/u1

response 260632

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.70	92.11
106.00	86.70	90.03
0.00	0.00	0.00

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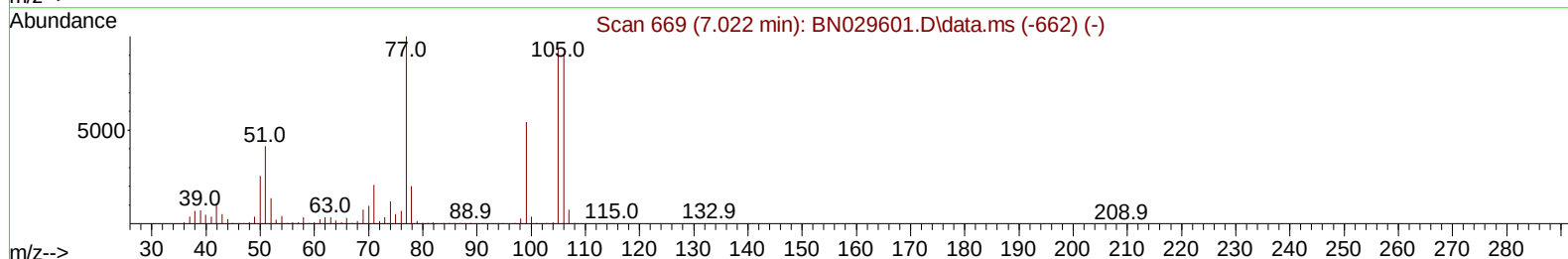
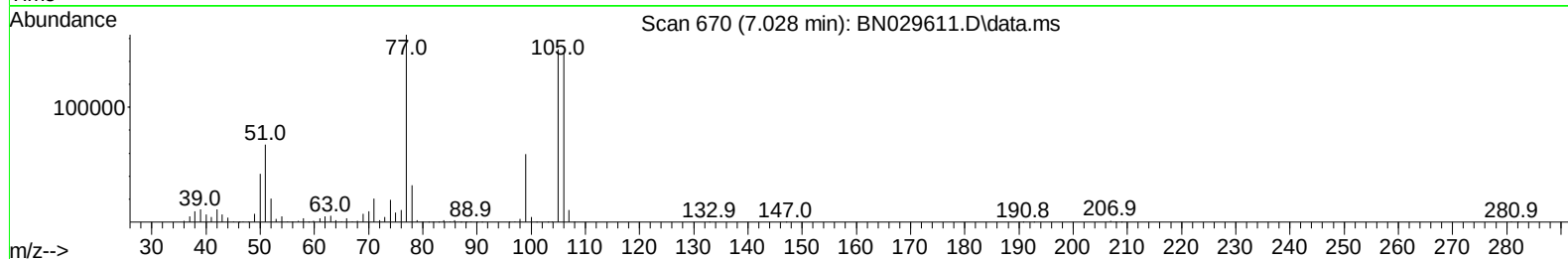
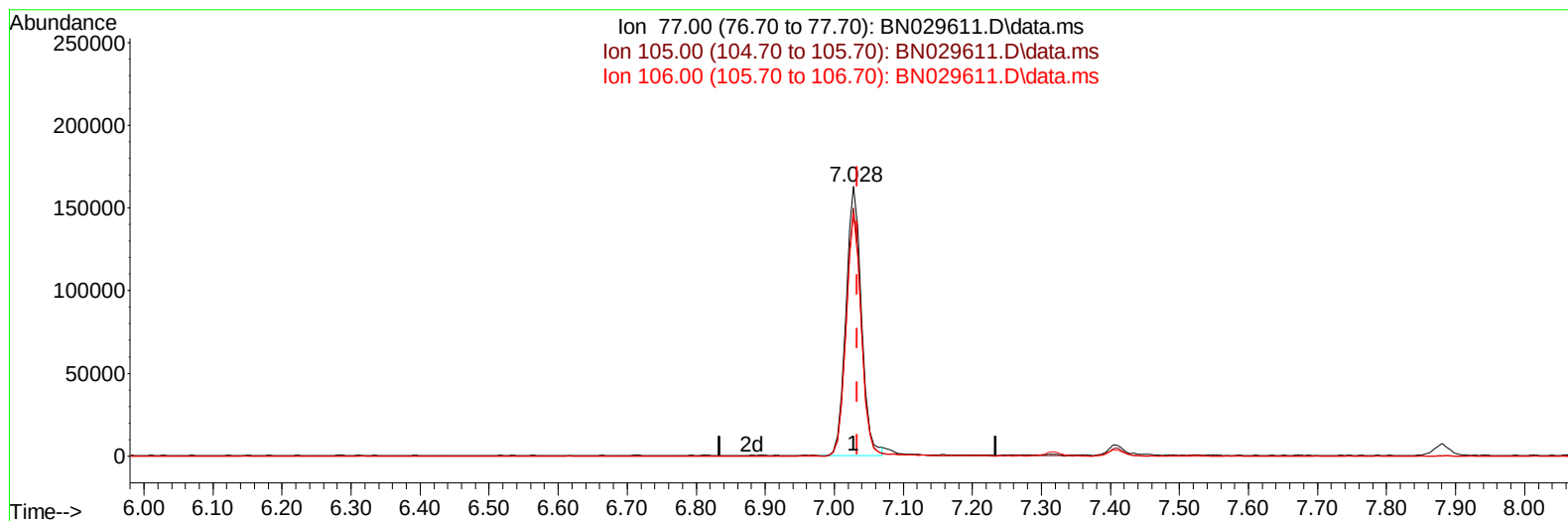
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TIC: BN029611.D\data.ms

(6) Benzaldehyde

7.028min (-0.006) 24.12 ng/ul m

response 256244

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.70	92.11
106.00	86.70	90.03
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	253432	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1025868	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	518648	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	967237	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	801135	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	940942	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	57603	7.476	ng/uL	0.00
4) Pyridine-d5	3.734	84	370841	18.047	ng/ul	0.00
7) Phenol-d5	7.046	99	440801	18.595	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	291295	18.413	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	341091	19.857	ng/ul	0.00
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21) Nitrobenzene-d5	9.051	128	152314	19.130	ng/ul	0.00
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31) 4-Chloroaniline-d4	10.828	131	417296	17.871	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	692151	17.925	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	853220	18.606	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	121946	16.639	ng/ul	0.00
60) Fluorene-d10	15.516	176	588358	17.911	ng/ul	0.00
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73) Anthracene-d10	17.374	188	835932	18.441	ng/ul	0.00
81) Pyrene-d10	19.674	212	898127	18.681	ng/ul	0.00
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82) Pyrene	19.698	202	1173782	18.999	ng/ul	98
83) Butylbenzylphthalate	20.621	149	454649	18.056	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	295217	19.025	ng/ul	100
85) Benzo(a)anthracene	21.457	228	1083186	18.405	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	693120	17.796	ng/ul	98
87) Chrysene	21.510	228	1040487	18.865	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	1161513	15.925	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1123778	18.961	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	1095275	18.055	ng/ul	97
93) Benzo(a)pyrene	23.745	252	1026711	18.064	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.298	276	1218283	17.602	ng/ul	95
95) Dibenzo(a,h)anthracene	26.327	278	1069167	18.922	ng/ul	97
96) Benzo(g,h,i)perylene	27.056	276	1027482	17.750	ng/ul	98

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